

2101-2200 off 10 rows

Cross 3090 with Century + BBT,
+ 2mp BBT.

32 30

Cross

2561 to 2570 with Cent
(are C.I. nos.) also Cal 47-1470

3176

1/5 ✓ 2561 = C.I. 6011
✓ 2563 = C.I. 6018
✓ 2565 = C.I. 6037
2567 = C.I. 8150
8/5 ✓ 2569 = C.I. 8337
Tullis 41 (Bb)
37 (Bb)

Cross with
2mp BBT
BBT

Cent

Key

TP49

T Patna

Bb, T1

Salt water

Cuba x

Cent

Smith

BBT

TP49

Key

TP

Cross 2534 to 36 with BBT

EXPLANATIONS OF HEADINGS AND ABBREVIATIONS OF TERMS USED.

SIZE OF PLOT.—Decimal fractions of an acre, as 0.1, 0.025, or, in the case of nursery rows, length in feet.

RATE OF SEEDING.—In pecks per acre.

DATES.—In figures, as 9/15 (=Sept. 15).

STAND.—In thousands of plants per acre wherever possible; otherwise in percentages.

SPRING SURVIVAL.—Given in percentages based on number of plants per acre surviving the winter as compared with stand the previous fall.

MANNER OF GROWTH.—e.=erect; sp.=spreading (of value in distinguishing spring and winter grains).

HEIGHT.—Given in inches; in the case of bearded varieties, measure to tip of heads, not to tip of beards.

INFECTION:

Smut and bunt.—Notes taken at time of ripening. State percentage of infected heads. For example, if 10 heads out of 100 are smutted, the infection is 10 percent.

Leaf rust.—Taken at time of full heading; state the proportion of infected surface in accordance with the accompanying scale.

Stem rust.—Taken at time of ripening; express in percentages as for leaf rust.

LODGING.—Given in percentages of plants lodged at time of ripening.

SHATTERING.—Given in percentages of shattered grain when fully ripe.

YIELD:

Total weight of crop.—Weight of total crop from plot both grain and straw, in grams, ounces, or pounds.

Grain per plot.—Grams, ounces, or pounds of threshed grain.

Straw per plot.—Difference between two preceding weights.

YIELD PER ACRE.—Calculated from plot yield, in bushels of legal weight; wheat, 60 pounds; oats, 32 pounds; barley, 48 pounds; rye, 56 pounds; emmer and spelt, 32 pounds; flax, 56 pounds; proso, 56 pounds; buckwheat, 48 pounds; rice, 45 pounds.

WEIGHT PER BUSHEL.—Actual weight as determined by the grain tester.

GENERAL DATA

In case of the series of row or plot tests it is desirable to have all the constant conditions recorded for future reference. For these data the pages following may be used. The sample page shows the manner in which the general notes may be entered. In case several sets of experiments are recorded in a single book the conditions governing each may be given, the heading at the top of the page showing to which particular test the notes refer. The blank pages may be used for additional data, particularly to record the high, low, and mean temperatures, the rainfall, and the number of clear days for each month covered by the experiment.

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location_____Field H.

Size_____1/20 acre.

SOIL

Kind_____Prairie loam.

Position_____Somewhat rolling.

Previous crop_____Corn.

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____Osborn_____Sharp.

Harrow_____U Bar_____Good.

Seeder_____Monitor_____Good.

SEED

Variety_____Variable.

Weight per bushel_____Variable.

Source_____Variable.

Treatment_____Fanned clean and treated for smut.

SEED BED

Preparation :

1. Disked (lapped half)_____4-6-'08.

2. Disked (lapped half)_____4-10-'08.

3. Harrowed_____4-10-'08.

4. Harrowed_____4-27-'08.

5. Seeded_____4-27-'08.

6. Harrowed_____4-27-'08.

SEEDING

Manner_____Drilled.

Date_____4-27-'08.

Rate_____3 bushels per acre by weight.

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

..... TEST OF, 19.....

CONDITIONS OF EXPERIMENT

PLOT

Location.....

Size.....

SOIL

Kind.....

Position.....

Previous crop.....

NAME AND CONDITION OF MACHINERY

Plow.....

Disk.....

Harrow.....

Seeder.....

SEED

Variety.....

Weight per bushel.....

Source.....

Treatment.....

SEED BED

Preparation :

1.

2.

3.

4.

5.

6.

SEEDING

Manner.....

Date.....

Rate.....

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

..... TEST OF, 19.....

CONDITIONS OF EXPERIMENT

PLOT

Location.....

Size.....

SOIL

Kind.....

Position.....

Previous crop.....

NAME AND CONDITION OF MACHINERY

Plow.....

Disk.....

Harrow.....

Seeder.....

SEED

Variety.....

Weight per bushel.....

Source.....

Treatment.....

SEED BED

Preparation :

1.

2.

3.

4.

5.

6.

SEEDING

Manner.....

Date.....

Rate.....

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

2001 Unknown
Unknown VE + ESK type no label
7/27 seg.
Smooth early threshed
X

2002 7
7/27 seg
X

2003 7/27 seg
X

2004 7/29 seg
X

2005 8/5 seg
X

2006 7/27
X

2007 7/25 8/1
X

2008 7/25 8/1
X

Unknown

7/28

2009

X

B45-15-5-4-2-1, Hill Med & Z

176

short of type

7/31

2010

X

-2

7/28 Secy

2011

X

-3

7/28

2012

X

-4

176

7/30

2013

X

-5

7/27

2014

X

-6

8/1

2015

X

-7

7/27

2016

X

2017 X B45-15-5-1-2-8, Hill Med x2 176
7/29

2018 B45-15-1-1-6-6-1-1, " 200
7/28 Upi -
1 short stem,
100 bds

2019 B45-15-1-1-6-2-2-1 " 201
7/29

2020 Colusa, Check 4 ✓
7/21 - 7/29

2021 X B45-15-1-1-9-1-1-1, " 201
7/26
1 with long peduncle.

2022 B45-15-1-1-9-1-4-1 " 200
7/20 8/1
mostly long peduncle

2023 X -2 " ✓
7/23 - 8/3
Seq. for long peduncle

2024 B45-15-1-1-2-1-2, " 2028
late

2031	B45-15-1-1-2-4-1,	Hill Med xZ	2025	X	
2033	B45-15-1-8-2-1-2-1,	"	2026	X	
✓		-2,	"	2027	X
✓		-3,	"	2028	X
✓		-4,	"	2029	X
2044	B45-15-5-4-2-2-1,	"	2030	X	
✓		-2,	"	2031	X
✓		-3,	"	2032	X

all are very uniform but all after 7/31
are v. difficult to thread
8/1

all are very interesting but do not fit
 are v. difficult to read

2033 B46-4937-14-4-1-1-2, Hill Med. Sel 2046
7/31

2034 -3
7/31 ✓

2035 B45-15-1-1-8-2-4-1, Hill Med x Z 2062

2036 -2, " ✓

2037 B49-12-1-1,
Sm. Types 7/30 " 2052

2038 -2
7/31 ✓

2039 -3
7/30 ✓

6-Row
a smooth Zenith

2040 Zenith, Check 7/28 " check

B49-12-4-1, Hill Med x Z

2061

7/25

2041

✓

-2,

"

2042

X

-3,

"

2043

X

7/25

"

2044

X

7/25 day

-5,

"

2045

X

B49-12-7-1,

2064 7/26

"

2046

X

-2,

"

2047

X

B49-12-8-1,

2068

7/25

"

2048

X

2049

B49-12-8-2, Hill Mod. x Z

X

^{7/25}
fairly easy to thresh,

2062

2050

B42-15-1-4-3-3-1-1,

X

^{7/30}

207

2051

B4310A7-3-1-1-3-2-1, SmBR-BR41 x BR41-2

X

2180

2052

-2,

"

X

med late
grain prob
no volu
all rougher

✓

2053

B437A1-6-1-17-1-1, SmBR-BR41 x 8323

X

208

2054

-2,

8/1

X

✓

2055

B4311B49-5-1 SmBR-BR41 x 8323-2

X

^{7/30}

2098

2056

-2

^{7/30}

X

✓

2102	B4311 B49-8-1, Sm BR-BRH X8323-2 7/25	2057	X
✓	-2 7/25	2058	X
✓	B4311 B49-9-1, 7/30	2059	X
	Hill Patna, Check Hill 7/31	2060	X
✓	B4311 B49-9-2, 7/29	2061	X
	A new un, short striped row looks very good		
✓	B4311 A1-15-2-1-1, 7/31	2062	X
✓	-2, upright pencil type (apparently), extremely difficult to twist good to keep as a type, Jap rough	2063	X
2141	B4356 A1-27-1-11-2-2-1, 8321-8323-2 7/22	2064	

2065	X	B4356A1-27-1-11-2-2-2, 8326 x 8323-Z 7/23 Leg.				214
2066	人	B4356A B4564A1-3-3-1-1, Bruin Sel x Z. 7/30				215
2067	X	7/29	-2,	"		✓
2068	X	7/29	-3,	"		✓
2069	X	7/29	-4,	"		✓
2070	X	B4564A2-5-1-1-1, 7/28		"		216
2071	X	7/27	-2,	"		✓
2072	X	7/29	-3,	"		✓

2161	B4564A2-5-1-1-4, Bruin Sel. x Z	7/29	sturdy	2073	X
2162	B4564A2-5-2-1-1,	7/26	"	2074	X
✓		7/26	-2, " fair easy to thresh med. gr.	2075	X
✓		7/26	-3, "	2076	X
2163	B4564A2-5-2-2-1,	7/28	"	2077	X
✓		7/28	-2, "	2078	X
✓		7/27	-3, "	2079	X
43	Rexark, Check	7/31		2080	

2081	B4564A2-8-1-2-1, Bruin. Set. x Z. V. tall reg on 7/20, much taller than Rex 2/65 7/25 7/31 Too tall				
X					
2082	7/25 - 9/1	-2	"		✓
X		100			
2083	B4564A2-10-2-2-1, 7/27 -		"		216
Λ					
2084	7/28 -	-2,	"		✓
Λ					
2085	7/27 -	-3,	"		✓
X					
2086	B4564A2-11-4-1-1, 7/31 must too tall, easily threshed		"		217
Λ					
2087	7/31	-2,	"		✓
X					
2088	B4564A2-11-4-3-1, 7/31		"		217 1/2
X					

2074 B4564A2-11-4-3-2, Bruin. Sel. x 2 7/31 2089 X

2603 B4564A2-12-1-1-1, " 7/31 2090 X

✓ 7/31 -2, " 2091 X

2605 B4564A2-12-2-1-1, " 7/27 2092 X
 Short straw, v. small mat, earlier than other, Her
 a good 2 grain, easily threshed, short heads.

✓ 7/31 -2, " 2093 X
 later than 2092

2606 B4564A2-12-2-2-1, " 7/27 2094 X
 like 2093

✓ 7/30 -2, " 2095 X

2608 B4564A2-12-3-2-1, " 7/30 2096 X

2097. ^{WT} B4564A2-12-2-3-2, Bruin, Sal, x Z
— uni 7/31 2608

X

2098 B4564A2-12-4-2-1, " 2610
— uni 7/31

X

2099 -2, " 2610
— uni 7/31

X

2100 Century 231, Check 47
7/28

X

2101 ~~B~~ B4564A2-12-5-2-1, " 2612
uni 7/31

X

2102 -2, " 2612
9/1

X

2103 B4564A2-77-13-1 262
7/31

X

2104 -2 262
seg?

X

					WT		
636	B4564A4-35-5-1-1	7/27				2105	X
✓	7/31	-2	later than most, Uni.			2106	X
✓	7/28	-3				2107	X
✓	7/28	-4				2108	X
646	B4564A4-35-18-1-1	7/28			+	2109	X
-	Uni 7/28	-2				2110	X
✓	Uni 7/29	-3			+	2111	X
647	B4564A4-35-18-1-2	7/29				2112	X

BAVINSÄL XZ
-2

2113

— Umi 7/29

264

X

49-1-7-1
381C¹PR. XZ

2114

— Umi 7/29

214

X

2115

— Umi 7/28^{.2}

✓

X

B4564A4-35-18-4-1

2116

— Umi 7/29

264

X

2117

— Umi 7/29 -2

✓

X

B4564A4-35-21-1-1

2118

— Umi 8/2

264

X

2119

— Umi 8/2⁻²

✓

X

2120

BLUE BONNET, CHECK
C.I. 9322

71

652 B4564A4-35-21-2-1 BRAVINSEL.XZ 2121
4m 8/2

~~100~~ -2 " 2122
-3 " 2123

654 B4564A4-35-22-2-1 " 2124
8/2

7/22 7/30 -2
each in then adj. rows 2125

657 B4564A4-35-24-3-1 " 2126
8/2

8 8/2 -2 " 2127

79 B46-3 045-12-2-1-1 K-HXBR. ROG 2128

2129

-2 K-HxBR Rocov

2129

X

2130

B-463046-12-2-3-1

"

2130

Prob gas fete as BR, Has
old lulls, smooth, & easily
stretched, good for a parent
with a med-gr cross.

X

-2

"

2131

✓

✓

2132

-3

"

✓

X

2133

B-46-3046-12-2-4-1

"

2133

X

-2

"

2134

✓

✓

2135

B-46-3046-12-2-5-1

"

2135

✓

2136

-2

"

✓

X

earliest
sand earliest bds, all rough

2190 B-46-3046-7-1-3-1
7/31

K-HYB.R BOGOF

2137

Handwritten signature

✓ 7/31 -2

"

2138

Handwritten signature

✓ 7/31 -3

"

2139

Handwritten signature

4 COLUSA, C.I. 1600, CHECK
7/31

2140

Handwritten mark

191 B46-3046-11-3-1-1

2141

X

✓ -2

2142

X

1921 B46-3046-11-3-1-2-1

2143

X

✓ -2

2144

X

2145

X

GUAT. A-3-4-1-1

Store

7/27-

22

2146

X

-2

7/27-

✓

2147

X

-3

7/27-

✓

2148

X

-4

7/27-

✓

2149

X

GUAT. A-4-2-1-1

7/29-

22

2150

X

-2

7/30-

✓

2151

X

-3

7/28-

✓

2152

X

-4

7/29

✓

		7/31 W.T.		
EARLY SHORT GRAIN BULK- 2-1				
282 Hy. Mix 11-47-1-2-2-1	o		2153	X
	-2	o	2154	X
	-3	o	2155	X
EARLY SHORT GRAIN BULK- 2-1				
Hy. Mix. 11-47-2-2-2-1	o		2156	X
	-2	o	2157	X
	-3	o	2158	X
EARLY SHORT GRAIN BULK- 2-1				
288 Hy. Mix. 11-47-4-1-2-1	o		2159	X
not a typical jap grain type, plant type of others but grain sl longer more slender like a med-gr.				
CALORO C.I 1561-1 CHECK	2		2160	X

EARLY SHORT GRAIN BULK-~~2-1~~
2282 Hy. Mix 11-47-1-2-2-1

are shorter
on 7/20
vegetatively than calow

tall when ripe
med early

-2

-3

EARLY SHORT GRAIN BULK-~~2-1~~
2283 Hy. Mix 11-47-2-2-2-1

are shorter
on 7/20

one of tallest when ripe
med early

-2

-3

EARLY SHORT GRAIN BULK-~~2-1~~
2288 Hy. Mix 11-47-4-1-2-1

not a typical jap grain type,
plant type of short plant grain sl longer
more slender like med-gr.

CALORO C.I 1561-1 CHECK

02

✓ good for W.T.

2161

EARLY SHORT GRAIN BULK-9-2
Hy. Mix. 11-47-4-1-2-2

WT
7/31

0 22

2162

-3

0 ✓

2163

HYBRID MIX. 11-47-6-1

0 229

2164

-2

0 ✓

2165

+3

T ✓

2166

Hy. Mix. 11-47-6-4-1

2 229

2167

-2

T ✓

2168

-3

T ✓

as tall as Colons
shelled, med-gr. length
High max lines for smooth
are smooth
Cross back to
short-grain types

WT. 7/31

Hy. Mix. 11-4 7-11-1-2-1

0

2169

X

-2

0

2170

X

-3

0

2171

X

Hy. Mix. 11-4 7-11-2-1-1

0

2172

X

-2

0

2173

X

-3

0

2174

X

Hy. Mix. 11-4 7-11-3-1-1

0

2175

X

-2

0

2176

X

2295

2296

2301

This line is 12 of the very shortest reg. on 7/20
also one of earliest maturing lines, &
shortest stems

					WT 7/31	
2177	Hy. Mix. 11-47-11-3-1	-3				230
X	grew all sets.			0		
2178		-4		0		✓
X						
2179		-5		0		✓
X						
2180	B438A1-1044, CHECK			2		106
X	valued for WT on 7/20					
2181	Hy. Mix. 11-47-11-3-1-b			0		230
X	early mat.					
2182		7-2		0		✓
X	late mat, awns					
2183		-8		0		✓
X	late mat, awnless, small pop grain good to cross with Smooth Type					
2184		-9		0		✓
X	late					

2301	Hy. Mix. 11-47-11-3-1-10	WT $\frac{7}{31}$	0	2185	X
	late				
	-11		0	2186	X
	late mat, standing up better than others.				
2312	Hy. Mix. 11-49-10-1		0	2187	X
	green all sides. late				
	-2		0	2188	X
	late				
	-3		0	2189	X
	-4		0	2190	X
	much taller than sister seed as $\frac{7}{50}$ lighter green color. all when ripe.				
	-5		0	2191	X
	dark green				
	-6		0	2192	X
	light green				

2193

Hy. Mix. 11-49-18-1

WT 7/31

0

23

Tail like 2190 on 7/20, light green

2194

Hy. Mix. 11-49-19-1

dark gr
V. late

0

232

2195

dark gr

-2

0

✓

2196

dark gr

-3

0

✓

2197

dark gr

-4

0

✓

2198

dark gr

-5

0

✓

2199

Hy. Mix. 12-47-6-1-2-1

tail, light green on 7/31

p

232

2200

BLUE ROSE, CHECK

0

107

This number appears to be sign for ease of tracking.
 2190 of lot 1, looks more like Colorado than others, possibly
 larger stems and standing later, very long petioles
 others have very short + sparse pubescence

2325 Hy. Mix. 12-49-6-1-2-2

no. T. 7/31

0 2201

X

-3

0 2202

X

2327 Hy. Mix. 12-49-6-2-1-1

0 2203

X

-2

0 2204

X

-3

0 2205

X

2330 Hy. Mix. 12-49-1-1

0 2206

-2

0 2207

2331 Hy. Mix. 12-49-2-1

0 2208

Tail, light green

✓ ↑
are quite tall on 7/30

✓ extremely short
on 7/30

2209

Hy. Mix 12-49-2-2
Tall, light green, 7/31

233

2210

Hy. Mix. 12-49-3-1
Short.

233

2211

Tall 7/31

-2

✓

2212

Mid Tall 7/31

-3

✓

2213

-4

✓

2214

Short & dark 7/31

-5

✓

2215

-6

✓

2216

-7

Hard to thread

✓

no and tip

2332 Hy. Mix. 12-49-3-8

2217

-9

2218

X

✓ much taller reg. than sister lines 7/20
v. tall when ripe.

-10

2219

X

11 ZENITH, CHECK
7/27 -

2220

✓ Hy. Mix 12-49-3-11

2221

some smoother present

X

✓ -12

2222

X

✓ -13
v. tall reg. or 7/20, wide lines

2223

all smooth no value
v. tall

X

332 -14

2224

X

8
B4318A-5-12-7-1-2-2-1, S_m BR. -BR41x8323-

2225

225

2226

2

"

2227

B323B39-13-BULK-1 R x S BR

235

note easily threaded

2228

B323B39-13-BULK

236

store

2229

"

2230

"

2231

B323B39-13-BULK

237

a sl. grain type

2232

"

238

v. short region tho yellow lined

2367 B323B39-13-BULK

2233

P

"

2234

X

"

2235

X

2668 B4313A2-57-19-4-1-1

2236

X

-2

2237

X

2415 323B40-3-1-1

2238

T

-2

2239.S

P

102 CALORO, CHECK
check
wed for W.T. 2/20

2240

X

2241

323 B 40-3-5-1

241

X

2242

-2

✓

X

2243

B4045 B49-1-1, R-SBR x BR 41

231

X

2244

-2

✓

✓

2245

B4045 B49-4-1

232

X

2246

-2

✓

X

2247

B 4045 B49-8-1

233

✓

2248

B4045 B49-11-1

238

L

a green stained Japotype
and later

B4045 B44-9-16-3-3-1

2249 S

X

- 2

2250 S

X

- 3

2251 S

X

B4045 B47-2-3-1-1

2252 S

X

- 2

2253 S

X

- 3

2254 S

X

B4045 B47-4-2-2-1

2255 S

X

- 2

2256 S

X

purplish hull, among
dwarf types, v fine straw
narrow leaves, slender sp.
smoother, hard and growth
shorter.

7/25 -
v short, v dark reg 7/19

7/31
like 2255

2257

4215 B49-1-1 (R-SBR-BR4) x BR4)

239

X

2258

-2

✓

X

2259

426 B49-1-1

2408

X

2260

B438 A1-644

106

X

2261

426 B49-1-2

v. tall neg 7/20

✓

✓

2262

426 B49-12-1, R-SBR x BR4)

241

v. late met, sm med gr
gold.

✓

2263

B438A Natl. Cr.

7/28

v. tall neg on 7/20

243

E

X

2264

11

245

sto

X

2433 B438A Nat Cr.

2265

X

2664 B4313A2-57-1-2-2-1, Sm BR-BR41X F-Red

2266

X

-2, "

2267

X

7/29

-2, "

2268

X

442 B4325A1-77-6-1-1, Bruin Scl x F-Red

2269

X

-2, "

2270

X

2443 B4325A1-77-6-2-1,

2271

X

-2,

2272

X

2273 B4325A1-77-6-3-1, Bruin Sel x F-Red 2444

X

2274 -2, " 2444 ✓

X

2275 B4325A1-77-10-1-1, " 2445

X

2276 B4325A1-76-9-3-1-1, " 2448

X

*early threshed
late*

2277 -2, " 2448 ✓

X

2278 B4325A1-76-9-3-3-1, " 2450

X

2279 -2, " 2450 ✓

X

2280 BR check -3, " 2450

X

2453 B4555A1-56-1-1-1, Bruin Sel. x 8326

2281

✓ 1 good grain slope

X

-2

2282

X

2458 B4555A1-102-2-2-1, Bruin Sel x BR

2283

X

✓ -2,

"

2284

X

✓ -3,

"

2285

X

✓ -4,

"

2286

X

2463 B4559A1-102-2-1-1, Bruin Sel. x BR

2287

X

✓ 107 ~~Blue Rose, check.~~

2288

X

2289 B49-6233-1-1, glut. BBT,
check for glut.
7/26 -

2492

X
2290 - 2, "

✓

X
2291 7/29 - - 3, "

✓

X
2292 7/25 - - 4, "

✓

✓
2293 7/31 - - 5, "

✓

X
2294 B49-6233-2-1, "
check for glut.
7/31 -

2492

✓
2295 7/31 - - 2, "

✓

✓
2296 7/31 - - 3, "

✓

B49-6233-2-4, Glat. BBT.
 493 7/30

2297

X

✓ 7/30

-5

2298

X

✓ 7/31

-6

2299

X

1 Zenith, check,
 7/26

2300

✓ B49-6233-2-7, Glat. BBT.
 8/10

2301

X

✓ 8/10

-8,

2302

X

B49-6233-3-1, " "
 2494 check for glut.
 7/29

2303

X

✓ 7/30

-2,

2304

X

B49-6233-3-3, Glut. BBT.

2305

8/8

2494

X

2306

8/8

-4,

"

✓

X

2307

8/8

-5,

"

✓

X

2308

8/3

-6,

"

✓

X

2309

B49-6233-4-1,

"

check for glut.

7/31

2495

X

2310

8/1 min

-2,

✓

X

2311

7/25 min

-3,

✓

X

2312

7/25 - min

-4,

✓

X

Unknown Glut.

2486

2313

X

"

2314

X

"

2315

X

"

2316

X

"

2317

X

"

2318

X

B4045847-1-1-1, Glut. Roque.

2504

2319

X

Caloro, check.

8/16

2320

2321

B4045B 47-1-1-1, Glut. Rogue

2504

2322

2323

2324

B4045B 47-2-1-1, Glut. Rogue

2505

2325

2326

a glut BR type
Cross with BR A 4384

2327

B47-4399-2-1, Glut. Mat'l. Cross.

2511

2328

B47-4399-7-1,

2512

Of no commercial value
but a good grain type (most)
green stem but highly
5 to straight-head.

2572 B47-4399-7-1, Glut. Nat'l. Cr. 2329

smooth glut, gap type gr.
and clear, v. short stream, med. late, thrush

"

"

2330

4399-7 lines are

x

813 B47-4399-7-2,

"

2331

fairly tall, late than others
smooth, med-gr.

2515 B47-4399-8-2,

"

2332

v. short neg growth

"

"

2333

2579 8/1 B47-4399-16-3,

"

2334

"

"

2335

8/10

"

"

2336

8/12

2337 B47-4399-1-16-3, Glut. Nat'l Cr. 2519
8/12

X

2338 8/10

X

a very good long sh. grain
type.

2339 8/10

X

2340 B438A1-104-4, Check 106✓

2341 B47-4399-1-16-3, Glut. Nat'l Cr. 2520
8/10

X

visibly shorter, narrow base, watch
fairly close to thresh

2342 B47-4399-18-1, Glut. Nat'l Cr. 2522

"

"

2343

2344 B47-4399-18-2, 2523

"

533 B47-4399-18-2 , Glut. Not/Cross 2345

537 8/9 mm' B47-4399-1-1 " 2346
*all very good to thick
 good stems, green, long
 water, purple, strong
 all mixed up
 type saved*

8/9 " B47-4397-4-1 " 2347
*are all mixed up
 types good stems, strong
 water, purple, strong
 all mixed up
 type saved*

531 7/26 mm' B47-4397-4-1 " 2348

7/25 mm' " 2349

535 B47-4394-2-2 " 2350

" " 2351
*are all types, Japan
 green, smooth, tall stems
 long stems, hard to break
 gold leaves, green*

536 B47-4394-2-3 " 2352

2353 B47-4394-2-3, Glub. Nat'l Cross 2536

X

2354 B47-4394-11-2 2545
7/31 Seg.
Excellent seg. type,

X

2355 " " 2546
7/31 Seg.
Excellent seg. type

X

2356 B47-4394-14-1 2548

X

2357 " " 2549
Erect pounce type (stiff pounce) short legs,
large gap grain, rough, large stain type,
green seg. slender, pink tail.

X

2358 B47-4394-14-2 2549
7/31 Seg.

X

2359 " " 2550
7/30 Seg.

X

2360 Blue Rose, Check 107
Erect pounce type (stiff pounce) short legs,
large gap grain, rough, large stain type,
green seg. slender, pink tail.
hard to thread

X

B47-4394-14-2, Glut. Nat'l Cr. 2361
 2549 7/31 seg

X

" " " 2362
 ✓ 7/28-seg

X

B47-4394-15-1 " 2363
 2550

X

" " " 2364

X

B47-4394-18-2 " 2365
 2553 gold bulbs (4

✓ sturdy straw, late, large gap brown
 grain type, smooth, gluf, ash
 fairly tall, easier to thresh the cone

"

"

2366

Would these types
 be in possibility
 of the starch
 molecules in place
 of long chains?
 may have
 high yield
 capacity

2367

B47-4394-19-1 " 2368
 2554

2369	B47-4394-19-2	Glut. Natl Cr.	2555
------	---------------	----------------	------

X

2370

"

"

and rocky plant

✓

2371

B47-4394-22-1

"

2561

X

2372

"

"

✓

2373

B47-4394-3-1

"

2565

✓

2374

"

"

✓

2375

B47-4394-7-1

"

2569

✓

2376

"

"

X

a tall med-g type
rather late

✓

2572	B47-4393-9-1	8/17	Glut. Nat'l Cr.	2377	X
✓	"	"	"	2378	X
2575	B47-4393-11-1		"	2379	✓
"	Zenith,	check.		2380	✓
7/26					
2575	B47-4393-11-1			2381	✓
"				2382	✓
	B47-4393-11-2			2383	✓
2576				2384	✓

Full purple bell-shaped
no color in front, V shaped
to throat smooth, green in
other respects, umbellous plant
stem, green stem

are these rows
glutinous?
are excellent C.O.
constant but no top
no C.O. prof. for
early stage
good thick
leaves
thick

2385

B47-4393-14-3

G/nt. Nat'l Cr.

2579

X

"

"

2386

X

B47-4385-87-1-2

"

2387

2582

X

"

"

2388

X

B47-4385-87-3-1

"

2389

2583

X

"

"

2390

X

B47-4385-87-5-2

"

2391

2586

X

"

"

2392

X

B47-4385-87-8-1, Glut. Nat'l/Ck. 2393

7/20 -

Sally short stemmed glut
Jap stem type, single

X

✓ 7/30 - 2394

Seg 87 lake
Sawed lake

X

✓ " 2395

mini 8/1

X

Purple Plant 2396

✓ " 2397

✓ " 2398

B433A2-6-6-8-1-2, B41-3299x(R-SBRxBR41) 2399

2676

unknown

Caloro, Check 2400

2401

B433A2-6-6-8-1-2, B41-3299X(R-SBRxBR41)

7/28

2676

X

2402

B433A2-6-6-8-2-2

"

2678

X

2403

"

"

✓

X

2404

"

7/31-

"

✓

X

2405

B433A2-6-10-9-1-2

-8/16

"

2681

X

2406

"

uni 8/14

"

✓

X

2407

"

uni 8/14

"

✓

X

av. long grain

2408

B433A2-6-10-2-1-2

8/16

"

2686

X

B433A2-6-10-2-1-2, B41-5299 x (R-SBR x BR41)

2409

8/16

B433A2-6-10-2-4

2410

8/16

7/30 sq

2411

B433A2-6-10-7-1-3

2412

7/27 mi

7/25 mi

2413

B4510A3-2-1-1

R-7689 x Hill Med

2414

7/28

7/30

2415

B4510A3-2-3-2

2416

7/30

2417 B4540A3-2-3-2 R-7689x Hill Med
7/26 - 2749

X

2418 B4536A1-1-1-2 " 2702
8/8 leg

X

2419 " 2702
8/8 leg ✓

X

2420 B438A1-104-4, Check 106

2421 B4536A1-2-1-1 R-7689x Hill Med.
7/30 - 2705

X

2422 " " 2705
8/9 ✓

X

2423 B4536A1-3-1-1 " 2707
8/12

X

2424 " " 2707
8/12 ✓

X

2107	B4536A1-3-1-1	R-7689 x Hill Med	2425	X
	8/12 ✓			
2108	B4536A1-3-2-1	"	2426	X
	7/29			
✓	"	"	2427	X
	7/30			
2110	B4536A1-4-1-1	"	2428	X
	8/16			
✓	"	"	2429	X
	8/17			
2112	B4536A1-9-1-1	"	2430	X
	8/16	good yield, early, tender		
		still green steamed on 10/12		
		green a little short, 1/2 short sturdiness		
✓	"	"	2431	X
	8/15			
2113	B4536A1-9-1-2	"	2432	X
	7/28 - Leg			

2433 B4536A1-9-1-2 R-7689 x Hill Med
8/12 -
✓ gum strained 2712

2434 B4536A1-9-2-3
7/31 uni 2717

2435 " "
7/31 uni ✓

2436 B4536A1-20-1-1,
7/31 - uni 2721

2437 B4536A1-20-2-1
7/30 - uni 2723

2438 " "
7/31 - uni ✓

2439 B4536A1-24-1-1 " 2724

2440 Remark, check
7/27 - 8/15 43

B4536A1-24-1-1	8/17	R-7689 x Hill Mod	2441	X
B4536A1-24-1-4	8/17	"	2442	X
"	9/17	"	2443	X
"	8/17	"	2444	X
B4536A1-24-2-4	8/15	"	2445	X
"	8/16	"	2446	X
B4536A1-3-1-2	8/12	"	2447	X
"	8/10	"	2448	X

Three for blood
show further.

A1-24 family has wider leaves, lighter green color some W.T.

234

8/1 Sep.

11

7/31 Secy

B4536A1-3-1-4

7/29

2935

B4536A1-2-2-1

7/28

2736

11

7/30

B4536A1-3-3-2

7/29 Sep

2759

11

8/2 - 8/15

B4536A1-3-4-1

8/8 - 8/14
V. short straw

3/41

A1-3 family, has v. tall veg growth, good vigour v. dark green colour, Watch

B4536A 1-3-4-1 R. 7689 x Hill Med. 2457

2441 8/12

X

" " 2458

8/10 um'

X

B4536A 1-3-4-2 " 2459

2442

8/10 um'

X

Century Patna 231 2460

7/29

B4536A 1-3-5-2 R-7689 x Hill Med. 2461

2444 7/25 um'

6-row

X

" " 2462

7/27 um'

X

B4536A 1-9-2-1-1 " 2463

2458

8/13

X

" -2 " 2464

8/8 umi.

X

2465

B4536A1-9-2-2-1

R-7689 x Hill Med

2751

8/7

2466

8/8

"

-2

"

2467

8/8 Seg

"

-3

"

2468

8/8

"

-4

"

2469

8/8

"

-5

"

2470

B4530A1-2-1-2-1

TP49 x Hill Med

2753

8/12

2471

B4530A1-2-2-1-1

"

8/10 Seg

2754

Saved midseason Types

2472

8/12 -

"

-2

"

appears very uniform

B4530A1-2-2-2-1 TP49 x Hill Med

2455

2473

7/25 - mm's
short, sturdy

X

B4530A1-3-1-1-1

2456

"

2474

7/27 - mm's

X

7/26 - mm's

-2

"

2475

X

B4530A1-4-3

2462

"

2476

X

8/7

"

"

2477

X

B4530A1-5-1-1-1

2463 8/7

"

2478

X

8/7

"

-2

"

2479

X

almost a med-gr type
about like R.M. possibly a little
fuller grain types

Bluebonnet, check

8/10 - 8/19

2480

X

fine cleaned, rather
droopy. Good Pat appearance.

2481 B4530A1-5-1-1-3 TP49x Hill Med 2763
2/2

X

2482 B4530A1-5-3-2-1, " 2766
2/6

X

a very good Rk grain type

2483 -2, " ✓
2/6

X

2484 B4530A1-5-3-3-1, " 2767

X

2485 -2, " ✓

X

2486 B4530A1-5-4-2-1 " 2769
2/11

6 Rk
Rk

v. good Rk + grain type
standing much better than
BBt on 10/12, v. short straw,
good

2487 -2, " ✓
2/12

X

2488 B4530A1-6-1-3-1, " 2772
2/10

X

2488 B4530A1-6-1-3-2, TP49xHill Med 2489
 8/10 X

2484 B4530A1-6-2-2-1, " 2490
 7/30
 Berlin Am 2491 X

✓ 7/30 -2, " 2491
 1. short sturdy, clean uniform

2486 B4530A1-49-1-1-1, " 2492
 mid late type X

2487 B4530A1-19-1-1-1, " 2493
 7/31 X

✓ 7/30 -2, " 2494
 X

2482 B4530A1-19-1-3-1, " 2495
 7/28-8/8 X

✓ 9/30-8/8 -2, " 2496
 X

2497	X	B4530A1-19-2-1-1, TP49x Hill Med. 7/28 - 8/11	"	2483
2498	✓	B4530A1-36-1-2-1, Subi Palms Hospital	"	2488
2499	✓	8/13 -2, Subi Palms Hospital	"	✓
2500	X	Colusa, check 7/21 - 7/29	"	4
2501	✓	B4530A1-36-1-1-1, 8/12 - Aug	"	2487
2502	X	8/10 - Aug -2,	"	✓
2503	X	8/10 - Aug -3,	"	✓
2504	✓	B4530A1-36-2-2-1, 7/30 Wk 2505-08	"	2490

2990 B4530A1-36-2-2-2, TP49 x Hill Mod. 2505

7/28

✓ 7/28

-3,

"

2506

X

2992 B4530A1-39-2-2-1,

7/28 um

"

2507

NW X

✓ 7/27

-2,

"

2508

X

2994 B4530A1-43-1-1-1,

misheard

"

2509

✓

✓ 7/29

-2,

"

2510

X

2995 B4530A1-47-1-1-1,

8/9 -

"

2511

X

✓ 8/9 -

-2,

"

2512

X

This row has exceptionally short sturdy straw, grain broken, use in cross-grain

2513

B4530A3-10-2-1-1, TP49 x Hill Med

2807

✓ Row

7/26 uni
appears heavier strained than Aul.
similar mat. short slender straw fuller grain.

-2,

"

2514

7/27 - uni

✓

2515

B4530A3-37-1-2-1,

"

2810

6 Row
+

8/10 - 8/17
v. uni, Vigor med, Watch
excellent Red grain type, good yield
much better straw than B4530A3-10-2-1-1

-2,

"

2516

8/12

✓

2517

B4530A3-54-1-3-1,

"

2819

8/12

+

2518

8/14

✓

-2,

"

2519

B4530A1-51-3-1-1

2831

X

7/30
v. short stem; grain sl. longer than Hill Med
Hill med straw type, larger stems
v. promising

2520

Zenith, check

check 11

7/25 - 8/2

X

B4530A1-51-3-1-2, TP49 x Hill Med.

2521

X

B4530A1-52-2-1-1,

2522

X

8/9 - 8/18

2523

X

B4537A1-29-1-1-1, R-7689 x R. York

2524

X

~~later~~

2525

X

B4530A1-60-1-2-1, TP49 x Hill Med.

2526

X

-2

2527

X

B46-4935-31-4-1-1, Hill Nat'l Cross

2528

X

clean for H.O. in '50

8/12

Conserv H.O.

2529

B46-4935-31-4-1-2,
8/12 Uni

H.11 Nat'l C.

2855

2530

B46-4935-31-5-1-1,
8/12

"

2856

v. green straw good
Rlx type medium

2531

8/12

-2,

"

✓

2532

B46-4935-21-2-1-1,

"

2861

8/10 - 8/18
like Hill Pat

tail

2533

8/10 - 8/18
like Hill Pat.

-2

"

✓

2534

B46-4935-24-2-1-1,

"

2863

7/29 by 8/14

2535

7/29 by 8/14

-2,

"

✓

2536

7/28 by 8/14
sawd Early

-3,

"

✓

very short sturdy
stem, except for mag.
a large type, prob. fuller
than the other.

2866	B46-4935- 29-1-1-1 ²⁹⁻¹⁻¹⁻¹ , Hill Nat'l Cr.	2537
8/16	Seg 2, no C.O. an excellent River grain type sowed late heads	X
✓	-2, "	2538
		X
2867	B46-4935-29-2-1-1,	2539
8/10		X
✓	Hill Patna, check.	2540
8/5		X
✓	B46-4935-29-2-1-2,	2541
7/29		X
		X
2869	B46-3555-1-1-2-1,	2542
7/27		X
		X
✓	-2, "	2543
7/25	Seg.	X
2872	B46-3555-1-4-1-1, Hill Patna x Red	2544
8/8	Seg mat (Red seed coat) Sowed late, Riv. grain type	X

2545

B48-3555-1-4-1-2, Hill Patna x Red
7/26 - segs. 2873

X

2546

B48-3555-1-4-2-1, " 2874
8/16 - segs

X

almost a Rex, same late
looks like Rex for grain type + mat

2547

8/10 segs.

-2,

"

✓

X

almost a Rex, same late
photographed this row on 10/17/51

2548

8/2 segs.

-3,

"

✓

X

2549

7/25

-4,

"

✓

X

2550

B48-3555-1-4-5-1,
7/27

"

2876

X

2551

7/28

-2,

"

✓

2552

7/26 -

-3,

"

✓

most of these rows are segs

B48-3555-1-4-7-1, Hill Patna x Red

2578

7/19 leg

2553

X

-2

✓ 7/19 leg

2554

X

B48-3555-1-4-8-1,

"

2877

8/12

mid-season, Univ all Red seed
coat, gold hull, a good Red grain

2555

X

(all row
Hv, putan
2 papers)

-2,

"

2556

like 2555, all Red.

B48-3555-1-4-9-1,

"

2881

✓ lab

2557

X

-2,

"

2558

X

B48-3555-1-4-10-1

2882

2559

X

Rexark, check.

2560

X

2561

C.I. 6011

2887

2562

"

✓

2563

C.I. 6018

2889

2564

"

✓

2565

C.I. 6037

2890

2566

" 7/25

looks like C.I. 8150

✓

2567

C.I. 8150

7/25 -

2893

2568

"

7/25 -

✓

C.I. 8337

2895

2569

X

"

2570

X

Cal-1473-5-2

2913

Possibly larger grain
8/1 than original

2571

X

"

7/30

2572

X

"

7/30

2573

X

Cal-47-1473

2923 7/30-Seq

V.E. W. 8/24 Calif.

2574

X

B4537A1-5-3-1-1,

R-7689 x Repark,

2927

2575

X

mid

-2,

"

2576

X

mid

2577 B4537A1-16-1-3-1, R-7689X Remark

X
2578

-2,

X
2579 B4537A1-17-1-2-1,

"

X
2580 Century 231 check
7/25-

47

X
2581 B4537A1-17-1-2-2,

"

X
2582

-3,

"

X
2583

-4,

"

X
2584

B4537A1-42-1-1-1,

"

B4537A1-42-1-1-2, R-7689 x Remark. 2585

✓ long grain, medium
medium lat, v long lat X

B4537A and B4538A 2586

X

2922 v. tall, profuse tillering, late 2587
large stems late medium long X

2588

late X

2589

short grain
late X

2590

X

2591

NT=1

B4539A1-19-5-1-1, R-7689 x Remark. 2592

7/25

late

- 2593 B4539A1-19-5-1-2, R-7689X Remark, 2944
 X ^{late} like 2587 except long gran'
- 2594 B4539A1-19-8-1-1, 7/28- " 2946
 X
- 2595 -2, ✓
 X
- 2596 B4539A1-19-9-2-1, " 2948
 X
- 2597 B4539A1-19-11-1-1, " 2950
 X
- 2598 -2, ✓
 X late, long open panicle
- 2599 B4539A1-19-11-2-1, " 2952
 X
- 2600 Bluebonnet, check ✓
 X 71

2952 B4539A1-19-11-2-2, R-7689 x Remark 2601

2953 B4539A1-19-12-1-1, " 2602

-2, " 2603

2954 B4539A1-5-2-1-1, " 2604

-2, " 2605

2959 B4528A1-40-4-1-1, TP49 x Remark 2606

2964 B4528A1-49-1-1-1, " 2607

-2, " 2608

2609

B4519A1-35-1-1-1, TP49 x Rexark

5876

X

2610

-2,

"

✓

X

2611

B4519A1-47-1-1-1,

"

598

6-Row

med early

2612

-2,

"

✓

N

2613

-3,

"

✓

N

2614

B459A3-14-1-1-1, HillSel x Rexark

6809

X

med late

2615

-2

med-late

✓

X

2616

B459A3-14-1-2-1,

"

6810

1/25 Uni 8/2

X

This family has exceptional slender grain.

6910 7/25
 B459A3-14-1-2-2, Hill Sel x Remark
 2617

6911
 B459A3-14-3-1,
 2618

shorter than family, 3-41
 -2
 2619

4 Colusa, check
 7/29
 2620

6915
 B459A3-47-2-2-1,
 2621

longer, 2 feet from the 43-14 family
 -2,
 2622

-3,
 2623

RN Mat. in '50 outstanding logs
 -4,
 2624

2625

B459A1-109-2-1-1, Hill Selx Remark

2990

X

2626

-2,

"

X

2627

-3,

"

X

2628

B459A1-109-2-2-1,

"

2999

X

2629

-2,

"

X

2630

B459A1-115-2-1-1,

"

3000

X

2631

-2,

"

X

2632

-3,

"

X

3002 B459 A1-115-2-2-1, Hill Sel. x Rexarth 2633

3003 B459 A1-115-2-3-1, " 2634

-2, " 2635

3006 B459 A1-115-4-3-1, " 2636

✓ -2, " 2637

✓ -3, " 2638

3007 7/27 B459 A1-116-1-1-1, " 2639

Zenith, check 7/29 2640

2641 B459A1-116-1-1-2, Hill Sel. x Rexark. 3007
7/30

2642 B459A1-116-2-1-1, " 3009
7/31 WT=3

2643 7/31 -2, " WT=1 ✓

2644 B459A1-116-2-2-1, " 3010
7/31 WT=1

2645 7/31 -2, " WT=3 ✓

2646 B459A1-117-1-1-1, " 3011
7/27 WT=2

2647 7/27 -2, " ✓

2648 7/27 -3, " ✓

Too much WT in this family

B459A1-117-1-

94 7/27

Hill Sel x Rexark

WT

2649

X

✓ 7/28 "

2650

X

✓ 7/29 "

2651

X

✓ 7/30 "

2652

X

✓ 7/31 "

2653

X

✓ 7/27 "

WT

2654

X

✓ 7/27 "

2655

X

94 7/27 "

2656

X

wide spread in this family

2657	B459A1-117-1-1- 7/26	Hill Sel & Report 194
------	-------------------------	--------------------------

2658	7/27 "	
------	--------	--

2659	7/27 "	
------	--------	--

2660	Hill Patna, Check	Hill
------	-------------------	------

2661	B459A1-117-1-1- 7/27	"
------	-------------------------	---

2662	7/30 "	"
------	--------	---

2663	7/29 "	"
------	--------	---

2664	7/28 "	"
------	--------	---

3012	B459A1-118-2-1-1, Hill Sel/x Rex ^{rk}	2665	X	
✓	-2,	"	2666	X
✓	-3	"	2667	✓
3014	B459A1-119-2-1-1,	"	2668	✓
✓	-2,	"	2669	6 Row pl X
	an outstanding slender (FP type) green strawed late Rex type, no C.D. late			
✓	-3,	"	2670	X
✓	-4,	"	2671	X
3015	B459A1-119-2-2-1,	"	2672	
	grain much like 2669 but of midsession maturity. Watch good strain, prob not any earlier than 2668			

2673 B459A3-51-4-1-1, H.11Sel x Rexark 3018

2674 -2 11 ✓

2675 B459A3-54-1-1-1, 11 3019

2676 -2, ✓

2677 -3, ✓

2678 B459A3-54-3-1-1, 11 3020

2679 -2, 11 ✓

2680 Rexark, check 43

not as tall as Rexark
must be a better one
Have very slender grain, watch good

B459A3-54-3-1-2, Hill Sel, x Remark

2681

"

2682

B459A3-54-4-2-1,

"

2683

"

2684

"

2685

B459A3-63-1-1-1,

"

2686

"

2687

-3,

2688

about reg. many dead
leaves 7/31

not so tall as
mildew - possibly a
path to long -
-2, very slender
-3,

2689

B459A3-63-1-1-4, Hill Sci. x Rorak
3038

2690

B459A3-63-3-1-1,

"

3030

2691

-2,

"

2692

B459A3-68-1-1-1,

"

3032

2693

-2,

"

2694

-3,

"

2695

B459A3-68-1-2-1,

"

3033

2696

-2,

"

✓

B459A3-69-2-1-1, Hill Sel. x Remark 2697

X

-2,

"

2698

✓ good midseason family

X

-3,

"

2699

X

Century 231, check

2700

7 7/26

B459A3-72-1-2-1, " 2701
 midseason, grain up
 very slender & shorter than other
 families, comparable to TP for qual.
 Water and grain qual. & high yield

b-row X

-2,

"

2702

X

-3,

"

2703

X

B459A3-74-2-1-1, " 2704

042

grain too coarse X

2705 B459A3-74-2-1-2, H, I Sc/x Remark 3042

2706 B459A3-74-3-2-1, " 3045

*grain more slender than
others in this family*

2707 -2, " ✓

2708 -3, " ✓

2709 B459A3-74-4-3-1, " 3048

2710 -2, " ✓

2711 -3, " ✓

2712 B459A3-76-1-1-1, " 3049

048	B459A3-76-1-1-2,	Hill Sel. x Rexark	2713	✓
	-3,	"	2714	✓
	-4,	"	2715	✓
051	B459A3-83-2-1-1,	"	2716	✓
	-2,	"	2717	✓
053	B459A3-84-2-1-1,	"	2718	✓
	-2,	"	2719	✓
1	Bluebonnet, check	"	2720	✓

2721	B459A3-84-2-1-3,	Hill Sel. x Remark	3053
X			
2722	B459A3-84-2-2-1,	"	3054
V			
2723	-2,	"	✓
X			
2724	-3,	"	✓
X			
2725	B459A1-95	"	3057
X			
2726	"	"	✓
<u>6 rough</u>			
2727	"	"	3058
↑			
2728	"	"	✓
✓			

one of the shortest skinned families
in the group, none in this
family may show a slight variation?
are very good.

B459A1-95,

0059

Hill Sel x Remark

2729

X

"

"

2730

D

B459A1-3-2-2-1,

063 7/19 7/31

"

2731

X

7/19

8/1

-2,

"

2732

X

7/19

7/31

-3,

"

2733

X

7/19

7/31

-4,

"

2734

X

B459A1-4-1-1-1,

064 7/25

"

2735

X

7/24

-2,

"

2736

✓

fairly tall, and a little

very short stem

2737 B459A1-4-1-2-1, Hill Sel. x Rexark 3065
7/26

2738

2739

2740

2741

2742

2743

2744

Colusa, check
7/21 7/30

B459A1-10-1-1-1,
7/20 - 7/31

B459A1-10-1-2-1,
7/20 - 8/1

7/21 - 8/2

Very short stem
-2,
Sel. now v. much like
-3,

Very tall now

family short now
bad for 1/10,

"

"

"

"

"

"

4

3069

3070

✓

✓

✓

✓

B459A1-11-2-1-1, Hill Sel x Remark
 50/12 2745

-2, " 2746

-3, " 2747

B459A1-12-1-1-1, " 2748
 07/3 8/8 min'

9/8 min' -2, " 2749

B459A1-12-1-2-1, " 2750
 07/4 8/8 min'

8/8 min' -2, " 2751

-3, " 2752

are good looking cows, min bdy

2753 B459A1-13-1-1-1, Hill Sel. x Remark 3075
7/23 -

2754 7/24 unⁱ -2, " ✓
unⁱ fairly good straw
not as early as some

2755 B459A1-13-1-2-1, " 3076
7/31

2756 8/10 -2, " ✓

2757 7/28 -3, " ✓

2758 B459A1-15-1-1-1, " 3077
7/24

2759 7/24 -2, " ✓

2760 Zenith, check, " 3078
7/26 -

B459A1-18-1-1-1, Hill Sel.	x Remark	2761	X
5078 7/22 - 8/2			
7/20	-2,	"	2762
			X
B459A1-19-1-2-1,		"	2763
3082 8/11			X
8/11	-2,	"	2764
			X
8/11	-3,	"	2765
			X
8/11	-4,	"	2766
			X
B459A1-19-3-1-1,		"	2767
083 7/19 Sep			X
7/20 Sep	-2,	"	2768
			X

2769

B459A1-22-1-1-1, Hill Sel, x Rexark
7/20

3084

X

2770

7/19

-2,

"

X

2771

B459A1-23-1-1-1,
7/26 - Seg

"

3085

X

2772

8/6 Seg

-2,

"

X

2773

B459A1-26-4-1-1,
8/10 a very good row,

"

3088

X

2774

8/10

-2,

"

X

2775

8/10

-3,

"

X

2776

B459A1-27-1-2-1,
7/19 - 7/29

"

3090

X

90	B459A1-27-1-2-2, Hill Sel. x Rexark	"	2777
	7/20 seg		X
92	B459A1-27-2-2-1,	"	2778
	7/13 - 7/26		X
	shortest & earliest may have a male sterile plant on 2. Were saved		
	-2,	"	2779
	7/14 - 7/25		X
	Hill Patna, check		2780
	8/1		
94	B459A1-28-1-2-1,	"	2781
	7/17 - 7/29		X
	-2,	"	2782
	7/18 seg		X
	Tall seg on 7/20 seg		
	-3,	"	2783
	7/19 7/29		X
	-4,	"	2784
	7/14 7/26		X

2785 B459A1-28-4-1-1, H. 11 Sel x Rexark. 3096
8/10

2786 8/10 -2, " ✓

2787 8/10 -3, " ✓
Shot on 7/20

2788 B459A1-31-4-1-1, " 3101
7/20 - 8/1
Bred by time, good strain
Watch
X

2789 7/19 to 7/31 -2, " ✓
X

2790 7/20 to 8/1 -3, " ✓
X
are tall vegetation on 7/20

2791 B459A1-31-4-2-1, " 3102
7/25 - Aug.

2792 7/18 - Aug -2, " ✓
X

102	B459A1-31-5-1-1,	Hill Sel. x Rexark	2793	
	7/20 7/28		2793	
	short green, one of heat, much like 2788		b-Row	
✓	7/17 7/27	-2,	2794	
	Tall veg	"	X	
107	B459A1-37-2-1-1,	"	2795	
			X	
✓	8/15	-2,	2796	
	Short veg on 7/20	"	X	
✓		-3,	2797	
		"	X	
107		-4,	2798	
		"	↑	
✓	8/10	-5	2799	
		"	X	
13	Rexark,	check	2800	
			X	

2801	B459A1-37-3-2-1, Hill Sci. x Remark 8/16 <i>Seq</i> X <i>Saved mid to late types</i>			3/09
2802	B459A1-44-1-1-1, 8/9		"	3/11
2803	-2, 8/9		"	✓
2804	B459A1-44-1-2-1, 7/20 - 8/1		"	3/12
2805	-2, 7/14 - 7/27 X <i>Uni, fairly straight</i>		"	✓
2806	-3, <i>Seq</i> <i>late</i>		"	✓
2807	B459A1-44-2-1-1, 7/22 - 8/1		"	3/13
2808	-2, 7/19 - 8/1		"	✓

113 B459A1-44-2-1-3, All Sel. x Remark
7/20 - 8/1 2809

X

✓ 7/22 Seg 8/1

-4,

*very thick
good V. each, type*

"

2810

X

114 B459A1-44-3-1-1,
7/22

"

2811

X

✓ 7/22

-2,

"

2812

X

✓ 7/20 Seg

-3,

"

2813

X

115 B459A1-44-3-2-1,
7/20 Seg

"

2814

X

✓ 7/20 Seg

-2,

"

2815

X

✓ 7/19

-3,

"

2816

X

2817 B459A1-44-4-2-1, Hill Sel. x Rexark 3/17
7/15

X

2818 7/16, 7/27 -2, " 3/17
X rapidly threshed, shorter earlier than Century ✓

2819 7/19 -3, " ✓

2820 Century Patna 231, check 47
7/25-

2821 B459A1-45-1-1-1, " 3/19
7/27-

X

2822 7/26 -2, " ✓

X

2823 B459A1-45-2-1-1, Hill Sel x Rexark 3/21
7/18

X

2824 7/20 -2, " ✓

X

128	B459A1-49-1-1-1, Hill Sol. x Rexark 7/16, 7/26 earliest + most uniform	-2,	"	2825	X
-	7/20	-2,	"	2826	X
129	B459A1-49-1-2-1, 7/15	-2,	"	2827	X
-	7/17 V. short stem, <u>uni</u> made a good 2nd growth	-2,	"	2828	✓ XXXX Group pl
130	B459A1-49-2-1-1, 7/19	-2,	"	2829	X
✓	7/20	-2,	"	2830	X
131	B459A1-49-2-2-1, 7/20	-2,	"	2831	X
-	7/20	-2,	"	2832	X

a very good short stemmed
early mature

2833 B459A1-49-3-1-1, Hill Sol. x Remark 3/32
1/19

2834 7/22 -2, " ✓

2835 7/20 -3, " ✓

2836 B459A1-49-3-2-1, " 3/33
7/23

2837 7/22 -2, " ✓

2838 B459A1-50-2-1-1, " 3/35
8/10

2839 8/10 -2, " ✓
WT+

2840 Bluebonnet, check. 7/

B459A1-50-3-1-1, Hill Sel. x Remark
137 7/18 2841

X

- 7/17 -2, " 2842

X

B459A1-50-3-2-1, " 2843
138 7/19

X

- 7/17 -2, " 2844

X

B459A1-50-3-3-1, " 2845
137 7/14

X

- 7/17 -2, " 2846

X

B459A1-52-1-1-1, " 2847
141

X

- -2, " 2848

a good short stemmed Rex
no C.O. good el. grain type

X

2849	X	B459A1-52-1-1-3, H.11 Sol. x Remark	3141
2850	X	B459A1-52-3-1-1, 7/22	3142
2851	✓	-2, 7/22	✓
2852	X	-3, 7/23	✓
2853	✓	-4, 7/23	✓
2854	X	B459A1-52-3-2-1, 7/20	3143
2855	X	-2, 7/19	✓
2856	X	-3,	✓

✓	3145	B459A1-53-1-2-1,	Hill Sal.	x Remark	2857	33
					X	
✓		-2,		"	2858	33
					X	
✓		-3,		"	2859	33
					X	
4		Colusa, check			2860	33
		un. 7/28			X	
					X	
		B459A3-2-1-2-1,		"	2861	33
	3148 8/1				X	
					X	
✓		-2,		"	2862	33
					X	
		B459A3-3-1-1-1,		"	2863	33
	3150				X	
		a good Rex type			X	
✓		-2,		"	2864	33
		late			X	

2865 B459A3-3-1-1-3, Hill Selx Rexark 3150

X late

2866 B459A3-3-2-1-1, " 3151

X V sturdy stained
underside, slight stain
compare with 11-95

2867 -2, " ✓

2868 -3, " ✓

2869 7/23 Seg -4, " ✓

2870 7/23 Seg -5, " ✓

2871 B459A3-3-2-2-1, " 3152
7/23 Seg

2872 7/23 -2, " ✓

X

153 B459A3-3-2-2-3, Hill Sel, x Remark

2873

X

154 B459A3-4-1-2-1,

"

2874

X

-2,

"

2875

X

-3,

"

2876

X

157 B459A 3-5-1-3-1,

"

2877

X

-2,

"

2878

X

-3,

"

2879

X

1 Zenith, check

2880

7/28

2881

B459A3-5-2-1-1, Hill Sel. x Remark

7/23 -

3158

X

2882

7/23 -

-2,

"

✓

X

2883

7/20

-3,

"

✓

X

2884

B459A3-5-2-2-1,

7/19 - 8/1

"

3159

X

2885

7/16 - 7/31

-2,

✓

X

2886

B459A3-5-3-1-1,

7/25 -

"

3161

X

2887

7/25

-2,

"

✓

X

2888

B459A3-5-4-1-1,

"

3162

X

162 B459A3-5-4-1-2, Hill Sel. x Remark 2889

165 B459A3-6-1-2-1, " 2890

-2, " 2891

167 7/19 Seg B459A3-8-2-1-1, " 2892

7/15 Seg -2, " 2893

168 7/14 - you 7/27 B459A3-8-2-2-1, " 2894

unim. hd + myst. One of earliest
finely short stream, probably for date. ~~168~~
Seedling. (No 2nd growth on 1 1/2 Buck for plot) 6-Row

7/14 Seg -2, " 2895

7/14 Seg -3, " 2896

2897	B459A3-8-3-1-1, Hill Sel x Remark			3169	
2898		-2,	"		✓
2899	7/26 Seg	-3,	"		✓
2900	Hill Patna, check			Hill	
2901	B459A3-8-3-1-4, 7/20 - Seg		"		3160
X					
2902	B459A3-8-4-1-1, 7/20 - ?		"		3170
X					
2903	7/20 - ?	-2,	"		✓
Group					
2904	8/13 -	-3,	"		✓
	mini				

B459A3-8-4-1-4, Hill Sel. x Remark.
170 7/20 seg

2905

X

✓ 7/20 seg

-5,

"

2906

X

B459A3-9-1-2-1,
172 7/21

"

2907

X

- 7/21 seg

-2,

"

2908

X

B459A3-9-2-1-1,
173 8/14

"

2909

X

- 8/14

-2,

"

2910

X

B459A3-10-3-1-1,
175 8/7 seg

"

2911

X

- 8/10

-2,

"

2912

X

2913 B459A3-10-3-2-1, H.11 Sel. x Remark
8/6 - seg 3176

2914 B459A3-10-3-3-1,
7/31 " 3177

2915 7/24 - seg -2, " 3178

2916 B459A3-10-3-4-1,
8/3 seg " 3179

2917 8/16 -2, " 3180

2918 B459A3-10310-1,
8/15 " 3181

2919 8/14 -2, " 3182

2920 Remark, check
7/30 43

185	B459A3-10310-3, 8/14	Hill Sel. x Rexark	2921	X
186	B459A3-10-3-11-1,	"	2922	X
8/16	-2,	"	2923	X
188	B459A3-10-2-2-1, 7/23	"	2924	X
7/23	-2,	"	2925	X
7/24	-3,	"	2926	X
189	B459A3-10-2-1-1, 7/21 day	"	2927	X
7/25 day	-2,	"	2928	X

2929 B459A3-11-1-1-1, Hill Sel Remark 3191
7/17
X

2930 7/20-P -2, " ✓
X

2931 7/21-Seg -3, " ✓
X

2932 B459A3-11-1-2-1, " 3192
7/22-Seg
X

2933 7/21-Seg -2, " ✓
X

2934 7/26 Seg -3, " ✓
X

2935 8/12 - -4, " ✓
X

2936 B459A3-11-2-1-1, " 3193
7/20-Seg
X

493 B459A3-11-2-1-2, H, // Sel. x Remark 7/18- 2937

X

295 B459A3-13-1-2-1, " 7/21 seg 2938

X

✓ 7/22 - seg 3 -2, " 2939
 more slender than Cent. V. good gram
 type, V good tillering, may not be
 seg. 6 rows
 plot
 Century 231, Check
 47 7/26 2940

3196 B459A3-13-2-1-1, " 8/10 2941

X

✓ 8/10 -2, " 2942

X

3197 B459A3-13-2-2-1, " 8/10 2943

undecussum V. um' 6 rows
 fairly short stem, V. good X

8/10 -2, " 2944

X

2945

B459A3-13-2-2-3, Hill Sel. x Remark

8/10

3197

X

2946

B459A3-14-1-2-1,

8/10

"

3199

X

2947

8/10

-2,

"

✓

X

2948

8/10

-3,

"

✓

1-Row

X

2949

8/10

-4,

"

✓

X

2950

B459A3-14-2-1-1,

8/10

"

320

X

2951

8/10

-2,

"

✓

X

2952

8/10

-3,

"

✓

X

Dr. Teller than A3-13 family.

midseason V. good

B459A3-14-3-1-1, H. 11 Sel. x Rexark	2953	X
303 7/21 - seg		
-2,	"	2954
✓ 7/20 - seg		X
-3,	"	2955
✓ 7/19-7/27 one of best of V. early types		<u>6-Ron</u>
		X
B459A3-14-3-2-1,	"	2956
304 8/12		X
-2,	"	2957
7/22 - seg		X
-3,	"	2958
✓ 7/15-7/26 wmi, very early		X
B459A3-15-1-1-1,	"	2959
305 7/24		X
Watch A3-15 line, excellent key character Bluebonnet, Check		2960

2961

B459A3-15-1-1-2, Hill Sol x Rexark

7/25-

3205

X
6-Row plot

2962

7/24-

-3,

"

✓

X

2963

B459A3-16-1-1-1,

7/23

"

3206

X

2964

7/23

-2,

"

✓

X

2965

B459A3-16-2-1-1,

7/27

"

3208

X

2966

7/24

-2,

"

✓

X

2967

B459A3-16-3-1-1,

7/26

"

3209

X

2968

7/24

-2,

"

✓

X

B459A3-16-4-1-1, Hill Sel. x Roxark
 211 7/24 2969

X

✓ 7/25 -2, " 2970

X

B459A3-18-1-1-1, " 2971
 212 7/20-7/29
 un early, as early as 2973

X

✓ 7/25 Aug -2, " 2972

X

(213) B459A3- " 2973
 7/17-7/28
 and early, earlier than others 6-Rough

B459A3-18-2-1-1, " 2974
 214 7/22

X

✓ 7/23 -2, " 2975

X

B459A3-21-1-1-1, " 2976
 218 7/22 -

X

2977

B459A3-21-1-1-2, Hill Sel. x Rexark
7/23 3218

X

2978

B459A3-22-1-1-1,
7/22 3219

X

2979

7/22

-2,

"

A

2980

Colusa, check
7/21 - 7/30 4

2981

B459A3-24-1-2-1,
7/24 3220

X

2982

7/23

-2,

"

X

2983

B459A3-27-1-1-1,
7/24 3221

+

2984

7/28

-2

+

B459A3-27-1-1-3, H, 11 Sel. x Rexark.
3227 7/27 2985
X

B459A3-27-2-1-1, " 2986
3228 8/13 X

-2, 2987
8/14 X

B459A3-27-3-2-1 " 2988
3231 8/12 X

3231 May be 453-2 2989
8/10 8/17 X

8/10 8/17 2990
all look alike, must
orig. - v. uniform
-3
are highly productive rows, prob
shorter than BBT + more rice, grain
returned between Rex + BBT, good
show, stay quite green

8/10 8/17 2991
X

B459A3-29-1-1-1, H, 11 Sel. x Rexark.
3232 2992
X

2993

X

B459A3-29-1-1-2, H, 11 Sel. x Remark

3232

2994

X

B459A3-31-1-1-1,
7/23

"

3234

2995

X

7/21

-2,

"

✓

2996

X

B459A3-31-2-2-1,
7/22

"

3236

2997

X

7/22

-2,

"

✓

2998

X

B459A3-31-5-1-1,

"

3238

2999

X

7/26

-2,

"

✓

3000

Zenith, check,
7/28 -

1)

B459A3-31-5-2-1, Hill Selx Remark
 241 7/30 3001

X

-2,

"

3002

B459A3-32-1-1-1,

"

3003

X

-2,

"

3004

X

B459A3-32-2-1-1,

"

3005

X

-2,

"

3006

X

-3,

"

3007

X

-4,

"

3008

X

3009 B459A3-32-2-1-1, Hill Sel x Remark
7/25 3244
X

3010 7/21 - Sig -2 " ✓
X

3011 B459A3-32-3-1-1 " 3246
7/24 -
X

3012 7/18 Sig -2 " ✓
X

3013 B459A3-33-2-2-1 " 3250
8/10
X

3014 8/12 -2 " ✓
X

3015 8/12 -3 " ✓
X

3016 B459A3-33-4-2-1 " 3251
7/17
X

B459A3-37-1-2-1, Hill Selx Remark
3257 7/27

3017

X

B459A3-40-1-2-1,
263 7/18

"

3018

X

B459A3-40-2-1-1,
264 7/25

"

3019

X

Hill Patna, check
Hill

"

3020

B459A3-40-2-1-2,
7/21

"

3021

X

7/21- -3,

"

3022

X

B459A3-43-2-1-1
272 8/17

"

3023

X

-2

"

3024

X

3025 B459A3-43-2-1-3, Hill Sel/x Remark 3278
8/14

X

3026 B459A3-43-2-2-1, " 3273
8/12

X

3027 B459A3-45-1-1-1, " 3274
7/23

X

3028 B459A3-45-1-2-1, " 3275
7/24

X

3029 -2, " 3276
7/24

X

3030 B459A3-47-2-2-1, " 328
7/20

X

3031 -2, " 328
7/22 Seq

X

3032 B459A3-47-3-1-1, " 328
7/21 - 4m

growing
in plot
if data
available.

1262 7/19. Uni B459A3-47-3-1-2, Hill Sel. x Rexark. 3033

X

285 8/12 B459A1-64-1-2-1, " 3034

X

8/12 -2, " 3035

X

286 B459A1-65-1-1-1, " 3036

X

-2, " 3037

X

-3, " 3038

X

287 8/5 B459A1-66-1-1-1, " 3039

X

3 7/31 Aug Rexark, check 3040

X

3041

B459A1-66-1-1-2, H, I/Sel. x Remark
8/12 3287

3042

B459A1-68-2-2-1, " 3290
8/12

3043

8/9 -2, " ✓

3044

B459A1-70-1-2-1, " 3293
8/12

3045

8/12 -2, " ✓

3046

8/12 -3, " ✓

3047

B459A1-72-1-1-1, " 3292
8/12

3048

8/12 -2, " ✓

3046 8/12	B459A1-80-1-1-1,	Hill Sel x Remark	3049	
3047 8/12	B459A1-86-1-1-1,	"	3050	
	almost a medium grain			X
3049 8/17	B459A1-87-1-2-1,	"	3051	
				X
✓	-2,	"	3052	
✓	-3,	"	3053	6-Row
✓	-4,	"	3054	X
3052 8/12	B459A1-95-1-1-1,	"	3055	X
✓	-2,	"	3056	↓

all much alike, but most
a very good c.o. resistant
Rexona type

3057

4

B459A1-95-1-2-1,

8/12

1

3303

4

3059

8/12

-2

11

X

3060

Century 231. check

7/27

40

+

3061

B459A1-95-1-2-3,

8/12

12

X

3062

B459A1-95-9-3-1,

8/10

11

3311

~~6-Row~~

3063

8/2

-2

4

X

3064

B459A1-95 N-2-1,

8/12

11

33/3

4

3313	8/14	B459A1-95-11-2-2, Hill Sel. & Remark	3065	X
✓	8/14	-3, "	3066	X
3314	7/25	B459A1-97-1-1-1,	3067	X
✓	7/25	-2, "	3068	X
✓	7/24	-3, "	3069	X
3316	7/24	B459A1-97-2-1-1,	3070	HW X
		excellent row sh. earher mat than Ant.	6-Row	
✓	7/28	-2, "	3071	X
✓	7/26	-3, "	3072	X

3073	B459A1-99-3-2-1, 7/21	Hill Sol. x Remark	3318
X			
3074	7/21 - uni	-2,	"
X			
3075	B459A1-99-4-1-1, 7/19 Seg	"	332
X			
3076	7/18 uni	-2,	"
X			
3077	B459A1-100-1-1-1, 8/13	"	332
X			
3078	8/13 Too tall / grain Too fine / B.C.O.	-2,	"
X			
3079	B459A1-104-1-1-1, 8/13	"	332
X	Seg		
3080	Bluebonnet, check. 8/10		7/
X			

3327	B459A1-104-1-1-2, Hill Sel. x Remark 8/14		3081	X
3330	B459A1-109-1-2-1, 7/25	"	3082	X
✓ 7/23	-2,	"	3083	X
3346	B459A B4513A1-13-2-1-1, Hill Sel. x P(BBT) 7/25 min		3084	X
✓ 7/25 min	-2,	"	3085	X
✓ 7/25 min	-3,	"	3086	X
3349	B4513A1-17-1-2-1, 7/16 min	"	3087	X.
✓ 7/16 min	-2,	"	3088	X

3089

B4513A1-21-1-1-1, Hill Selx ? (BBT)
7/28 seg

X

3090

B4513A1-23-1-1-1,
7/14 - 7/21
rough hulls, uniform h&c mat,

X

3091

7/14 - seg.

-2,

"

X

3092

B4513A1-25-1-1-1,
7/17 - 7/29

"

X

3093

7/18 - 8/1

-2,

"

X

3094

B4513A1-25-1-V-1
7/19 - 7/30

X

3095

7/21

X

3096

X

original from 459A lined

3353	B4513A1-25 7/18	3097	X
3354	7/21	3098	X
✓	7/17 7/30	3099	✓
4	7/20 7/30	3100	X
3357	B4513A1-30- 7/22	3101	X
3358	B4513A2-8 8/13	3102	X
✓	8/13 V. good, shot green stained BBT. type (brown hula) gran' prob shorter than BBT, as fine as CBT.	3103	X
3366	8/13 2-7	3104	X

3105	B4513A 8/13		336
X			
3106	8/13	drying	336
3107	8/13	fast	✓
3108	8/10	A2-12-2-2-1	337
X			
3109	8/10	BPT maturity	✓
X			
3110	8/10	There are all much alike, have an excellent BPT grain type. Some healthy as given as some but grain type appears exceptionally good. prob. BPT as full as BPT and -3	✓
3111	8/10	54 Sept.	338
for 10 photos + 6 rows			
3112	9/10	-5	✓
✓			

-6

5372

8/10

3113

x

5377

A2-17

3114

x

5378

3115

x

5381

A2-21

3116

x

3117

x

3118

x

✓ almost a BBT for its size
 back fairly fast, grain is almost
 a Rex or, more slender than BBT.
 straw hulls

3119

x

11-7/27

3120

x

3121

B4513A2-25

3383

X

3122

3384

X

3123

✓

X

3124

A2-28

3387

X

3125

✓

X

3126

✓

X

3127

3388

X

3128

✓

X

5388

3129

X

A2-23

591

3130

X

B4517A1-5. Hill Sel. G R. R. 7629
3927/24 kg

3131

X

7/22

3132

X

B4510 A1-2,
Hill

Hill Sel. G R. R. 7629

3133

X

/

3134

X

A1-4
402 7/30 km

3135

X

7/20 km

3136

X

3137

8/1

B4510 A1-4

Heel Sel x B/B

3405

X

3138

7/23 seg

✓

X

3139

7/23 seg

✓

X

3140

Heel

A

3141

A1-8-2-1-1, Heel Sel x B

3407

X

3142

begin early or mid
and late, Stage 1
and later, Stage 1
very good
A1-9

-2

✓

X

3143

3411

X

3144

7/3

✓

X

411		3145	X
412		3146	X
	<i>AI-10</i>	3147	<i>standing much better than other rows, this sub. appears undamaged 6-Row</i>
	<i>✓ short stem, plant all leaves dead in 10/15, but has the best Rex grain of any 1st cross</i>		<i>✓ watch</i>
	<i>AI-10</i>		
414		3148	X
	<i>AI-16</i>		
417 7/24		3149	X
7/24		3150	X
7/23		3151	X
7/24		3152	✓

thru hulls, much better

3153

B4510A1-22-
7/22

1/22 del V Bkt
3430

X

3154

7/22

✓

X

3155

7/22

✓

X

3156

7/30

A1-25

3431

X

3157

7/30

3432

X

3158

A1-33

3433

✓

3159

✓

✓

3160

43

✓

137 7/28

A1-34

3161

x

- 7/25

3162

x

142

A1-75

3163

x

-

3164

x

148

3165

x

-

3166

x

152

midseason, standing O.K. on 10/15, but has died.
 a very slender grain type, not
 longer than Rex strain. Should
 be an excellent line for grain

3167

6-Ron

Watch

3168

3169

B4510 A1-75

Heel VdY 15/12 +
345

X

3170

X

3171

A1-76

346

V

3172

body

V

X

3173

break over to
foot digits

346

V

3174

X

V

3175

A1-77

347

7/24

X

3176

7/25

V

X

413 7/25

P

3177

X

475

3178

X

3179

X

B4512A1-154
483 7/28
(7)?

3180

X

483

3181

X

3182

X

3183

X

486

3184

X

Two tall

3185

B4512 A1-154 Hurl sel ✓ BBT

3486

X

3186

3490

✓

3187

✓

X

3188

3494

✓

3189

✓

✓

3190

3498

✓

3191

✓

X

3192

3500

X

break over too rapidly, like BBT on
10/15,

501

~~41-3~~

3193

✓

502

41-3

3194

Nidaguan
 Standing very well on 10/15 V. shot
 straw, gold hulls, excellent Rex (6-Row)
 grain type

41-4

505

3195

grain 7/27
 richer than 3196

(sand and
 growth shots)

7/31

3196

x

509

41-9

3197

x

3198

poor grain shape

x

512

41-15

3199

x

71

3200

x

3201	8/12	A1-15, Rail del v Bpt	3512
x		midseason, prob. as tall as Bpt, v. slender grain straw smaller to C.O. standing better than Bpt.	
3202	8/13		3513
✓			
3203	8/14		✓
✓			
3204	8/11	A1-17	3514
✓			
3205	8/12		✓
✓			
3206	8/14	A1-20	352
x			
3207	8/13		✓
✓			
3208	8/18 - 7/30	B45/2A1-20	61
X			

V.E. 120 7/24

✓ 1	7/20 - 7/30	all are very much alike and appear to be breeding true. Seed v. early in 1952 to get more accurate breeding data.	3209	✓
✓	7/20 - 7/30		3210	✓
✓	7/20 - 7/30		3211	✓
✓	7/22 - 7/30		3212	✓
✓	7/21 - 7/30		3213	✓
✓	7/19 - 7/30		3214	✓
✓	7/21 - 7/30		3215	✓ shorter than others
✓	7/18 - 7/30	Seed v. early in 1952 to get more accurate breeding data.	3216	✓

3217

B4512A1-20, Hail del x BST
7/17 - 7/28

possibly more uniform than
others

~~H~~
L-Ron and
Sue and
Sue and
Sue and

3218

7/17 - 7/29

X

3219

7/17 - 7/28

X

3220

7/21 - 7/28

X

3221

7/18 - 7/25

X

3222

7/20 P 7/21

X

3223

B4512A1-32,
7/25 P 8/1

"

X

3224

7/14 - 7/25
earlier than others

~~H~~
L-Ron
and
Sue and
Sue and
Sue and

B4512A1-32, Heel Set v RBT
 7/25 - Seg

3225

X

7/20 - seg, 8/2

3226

X

7/19 - 7/31

3227

X

7/19 - 7/30

3228

X

7/20^P, 8/2

3229

X

7/14 - P, 8/1

3230

X

7/18 Seg

3231

X

7/16 Seg

3232

X

3233

B4512A1-32
7/16 seg 8/1

3530

3234

7/20-8/2

3235

8/25

A1-34

3533

3236

8/24 1/2

3237

8/6

A1-40

3549

6-Row?

1. short strow, good grain shape
many chubb grains, why?

3238

7/24 seg

3239

3240

7/27-

11

549 7/31 ~~very~~ Is either a p 3241
 or is earlier than 6 Row
 BBb, standing OK on 19/15
 X

A1-50

565 8/10 3242

X

✓ 8/10 3243

X

✓ 9/10 3244

X

✓ 8/10 3245

X

570 8/5 3246

X

✓ 8/5 3247

X

✓ 8/5 3248

X

all are very uniform → water Excellent veg growth, as tall as 2,
 extremely vigorous veg. gr. on 7/20 are pretty tall, have germination
 possibly better and later than BBb.

3249

✓

6/5

AI-50

35 1/2

3250

✓

8/5

✓

3251

6-Row

✓

8/5 excellent grain shape
more slender than BBT.
✓ green straw, no taller than
BBT.

✓

3252

✓

8/5

✓

3253

✓

8/5

35 1/5

3254

6-Row

✓

are still like 3242, at al. as much better than 7/2

✓

3255

✓

✓

3256

2

35 1/2

3576

3257

X

3258

X

3259

X

3260

X

3261

X

3262

X

3263

X

3264

X

A1-58

3583 7/22

3263 is last of series grown with weevil at day 1/10
 full

3265

B4512 A1-58
7/19-7/31

3583

3266

3586

3267

A1-64
7/20-7/20
Post parishes

3593

3268

8/5

✓

3269

8/5

3594

3270

7/22 leg

✓

3271

A1-80
8/20-8/30

3610

3272

8/20 - 8/30

✓

midseason, med. ht.
Sto G.O. Has very large stems

619 8/12

3273

x

684 8/12

A1-105

3274

x

✓ 8/12

3275

x

✓

3276

x

688

A1-106

3277

x

✓

3278

x

✓

3279

x

13 7/31

3280

3281

B4512A1-106

369

X

3282

A1-115
(C.O. resented in 1950)

3106

X

3283

TD
T¹⁰

390

X

3284

(V.E. H.V. 8/24m 1950)
7/21 - P

6

X

3285

7/20 - uni

2

X

3286

7/20 - uni

2

X

3287

7/21 seg

2

X

3288

7/20 uni

2

4

2 7/23
freak plant, 18" from nest

3289

X

✓ 7/23

3290

X

✓ 7/26

3291

X

✓ 7/20

3292

X

✓

3293

X

✓ 7/17

3294

X

✓ 7/18

3295

X

2 7/22 Secf

3296

X

3297

~~7/22-1~~
7/22-P

62

3298

7/22-1

✓

3299

B4511A1-1

Hell Sel x (TPxR-SBR)
3/100

X

3300

7/26-

47

3301

X

3302

X

3303

X

3304

3709

Too much similarity about
a week later than cont.

A1-1

3305

X

3306

X

3307

X

3308

X

3309

X

3310

X

3311

X

3312

X

3313

B4511A1-1

3713

3314

3714

3315

✓

3316

3717

3317

✓

3318

✓

3319

3720

3320

8/20

7/

3720 ?

3321

X

3723 ^{A1-10} ant on el later
 fuller gray
 hem short sturdy strus

3322

X

✓

3323

X

3727

A1-16

3324

X

✓

3325

X

3731

A1-18

3326

X

✓

3327

✓

✓

ant on el later

3328

X

3329

B4S11A1-32,

Heel 82 VTR x R-SBR
3744

X

3330

X

3331

X

3332

8/22

3747

X

3333

8/22

X

3334

8/22

X

3335

8/28

X

3336

8/21

X

	A1-36		
3749	8/24 - S to C.O	3337	X
✓	Short heads but good grain types, sep for C.O.	3338	
	8/26 Prob later than BBT (check this) X Has very green straw on 10/15, v short straw		
3750	8/26 sep for C.O.	3339	X
4		3340	✓
✓	8/24	3341	X
3753	A1-37 8/26	3342	X
✓	8/28	3343	X
	A1-38		
3755	Out or later, v short sturdy straw, med long - gr. v slender	3344	X HT 6-Row

3345

B4S11A1-38

3755

X

3346

X

3347

8/29

A1-39

3759

X

3348

8/28

✓

X

3349

8/27

✓

✓

3350

A1-45

3761

~~6-pow~~

8/24

v. green stoned type Rex
main strain still green on 10/15
later than BBT-P

3351

8/24

✓

X

3352

3762

X

3763	8/26	A1-43	3353
		tall ?	X
✓	8/26	much taller than A1-50 family	3354
			X
3790	8/23	A1-50	3355
			X
✓	8/23	v. short head. Has the shortest horn of any family in this cross, gram shape only, fan, v sturdy stem.	3356
			X
✓	8/23		3357
			X
3773	8/25	A1-51-2-1, sl. taller than A1-50 fam.	3358
			X
✓	8/26	fairly tall	3359
			X
11			3360
			X

3361	B451/A1-57 8/26 late			3778
X				
3362	inst mat early			✓
X				
3363	8/23			3782
X				
3364	8/23			✓
X				
3365	8/20	A1-62		3783
X				
3366	8/30			✓
X				
3367				3785
X				
3368	8/24	A1-68		3789
X				

3789	8/24	A1-70	3369	X
3792	8/27	A1-70	3370	人
✓	8/26		3371	X
3793	8/27		3372	X
✓	8/25		3373	X
3796			3374	X
✓			3375	X
3797			3376	X

3377 B451/A1-70
8/27 3797
X

3378 A1-72
~~8/27~~ - 8/28 3799
X

3379 - - 8/30 ✓
X

3380 npe 8/30 Hül

3381 - 8/27 3801
+

3382 - 8/27 ✓
X

3383 - 8/27 ✓
^

3384 8/14 Segs 3803
^

3803 8/14

3385

X

✓ 8/29

3386

3809

3387

X

✓

2 trees by
myself early
this year

3388

X

✓

3389

X

3810

A1-81

8/14

3390

X

✓

8/14

3391

X

3811

A1-82

3392

ant not fully grain harvest

~~the~~
below pt

3393

B451/A1-82

Hull Sel x (TP x R-SBR)
3812

X

3394

X

3395

8/21

A1-87

3823

X

3396

8/21

X

3397

8/21

X

3398

8/14

3825

X

3399

8/14

X

3400

43

X

3835

- 8/26

3401

X

3832

A1-91
8/23

3402

X

✓

8/23

3403

X

✓

8/23

3404

X

3335

8/25 -

3405

X

✓

- 8/31

3406

X

✓

8/30

3407

X

3842

A1-93
- 8/30

3408

X

3409

B4511A1-93
- 8/30

3842

3410

3411

B4514A1-26
- 8/29

Hel. tel x (IPXR-7689)
3853

Seg mat? Same as lat. than BBT

3412

8/27

3413

A1-31

3858

3414

3415

3416

A1-38

3864

864

3417

X

A1-32

867

3418

X

3419

X

87

3420

X

A1-42

871

3421

X

3422

X

878

A1-49

Prob earlier than BBT (Remark
mat, good grain.

3423

6-Row

X

3424

X

3425

B4514A1-49

Heel sel x (TPxR-7689)
3828

X

3426

A1-50

3882

X

3427

X

✓

3428

X

✓

3429

X

3884

3430

X

✓

3431

below

He

much alike, upright flops
Bbt mid.

✓ short stem, gold hulls, &
✓ good Rex green type

3432

B4515A1-10

Heel sel x RN

3892

X

892

3433

X

A1-13

896

3434

X

3435

X

3436

W
^

899

A1-14

3437

V

3438

X

3439

X

71 - -

8/22

3440

X

are agglutinated, are very
early in the history of the
good / 2000 type

are earlier than last

3441	845ISA1-14	Heel	✓ RN 3901
X			
3442			✓
X			
3443	8/14		✓
X			
3444	8/25-		3906
X			
3445	8/18		✓
X			
3446	8/18	AI-16	3908
X			
3447	8/14		✓
X			
3448	over ripe 8/29		3914
X			

914

3449

X

3450

X

A1-21

919

3451

BBt mat, more sl than
BBt, golf balls, good,
dris back fairly rapidly.

X

✓

BBt mat

3452

X

925-

8/17
V.E.

3453

X

✓

V.E.

3454

X

✓

V.E.

3455

X

928

3456

3457

B4515A1-21,

Healy RN
3938

X

3458

A1-32

3937

X

3459

✓

X

3460

4

X

3461

✓

X

3462

3938

X

3463

✓

X

3464

3939

X

are BB not
open female slender
gram, shorter
than Rex

939

3465

X

942

3466

X

3467

X

3468

X

3469

X

V good Rex type
late mat

A1-35

943

3470

X

944

8/24

3471

X

8/23

3472

X

3473

B45/5A1-35
8/28

Hell x RN
3944

X

3474

8/24

A1-43-2-1

3947

X

3475

8/23

✓

X

3476

8/22 - 9/1

✓

✓

3477

3948

X

3478

✓

X

3479

✓

X

3480

11

✓

all are super & later,
are as early as land on
island, short, very
sturdy straw

948
early row
appears to be seq.

3481

~~X~~
brown

3482

X

950 8/24 A1-44

3483

X

951 8/27

3484

X

953 A1-52
BBT mat

3485

V

956 A1-56
BBT mat

3486

X

957 BBT mat

3487

1

958 8/23 A1-58

3488

X

3489	B4515A1-58 8/23		Hall x RN 3959
X			
3490	— 8/29		3961
X			
3491	— 8/30		✓
X			
3492	A1-64 v late		3962
X			
3493	A1-66 BB or later		3965
X			
3494	BB or later		✓
X			
3495	— 8/27		3967
X			
3496	A1-67		3969
Λ			

3969

3497

X

✓

3498

X

3970

3499

X

✓ ill

3500

X

✓

spite (Red soil)
rather leafy, no taller than
Red, good, some C. O.

3501

X

✓

3502

A1-68

3973

3503

X

✓

3504

X

3505	B45/5A1-70	Helix RN	3974
✓			
3506			✓
✓			
3507			3975
✓			
3508	late (Rextype)		✓
✓			
3509			3976
✓			
3510	midseason, short straw		✓
✓			
3511			✓
✓			
3512	A1-78		3984
✓			

284 3513

X

285 3514

X

3515

X

287 3516

X

3517

X

290 3518

begin, a few later
 Sued myelaseon, V good
 mid short stemmed type, long fl.

X

3519

X

3 7/29 3520

X

35 3521

High Mix - 8-49-1

TPxRSBR
3995

✓

35 3522

✓

✓

35 3523

-3

3995

✓

35 3524

✓

✓

35 3525

-6

3995

✓

35 3526

✓

✓

35 3527

-7

3995

✓

35 3528

undecap

know

v. uniform
standing O.K.
1 day field

✓

-9

3999

3529

X

-10

4001

3530

X

✓

3531

X

✓

3532

X

✓

8/1

3533

X

✓

Intermediates (Rev)

3534

X

B 4544 A 1-2

R-7689 x RV

5943

3535

midseason
fairly short straw

X

✓

3536

X

3537	B4544A1-2	R-7689 x RN	5750
X			

3538			✓
X			

3539	B4515A1-1 v. late	144 x RN	5752
X			

3540	7/25 - 8/5		47
------	------------	--	----

3541	A1-6		5772
N			

3542			✓
X			

3543			✓
X			

3544	8/3		5773
X			

775

3545

X

776

3546

X

✓

3547

✓

✓

3548

X

5786

1 A1-10

3549

X

-

3550

X

793 8/2

A1-12

3551

X

✓

3552

2

3553

B45ISA1-13
v. late

Hell x RN

5797

X

late mat, still segr, no c.o.
sued later, stem balled,

3554

X

3555

X

3556

A1-14

5801

(

3557

A1-15

5802

^

3558

X

3559

High Mex-8-47-21

4023

+

3560

71

+

4023

Hydr Mex-8-47-21

3561

X

3562

X

1024

3563

X

3564

Y

2

3565

4

1025

3566

X

3567

7

227

3568

2

3569

High mix-8-47-21

TP&R-SBR
4022

X

3570

✓

3571

-30

4030

✓

3572

X

3573

✓

✓

3574

4030

✓

3575

✓

✓

3576

4041

X

4041

3577

- 32

043

3578

4 7/21 - 7/29

3580

Cent. 231 Hd. Row Bl.
Short plant

3581

7/25

3582

7/24

3583

Cent. 231 Rogue Malt
7/26

3584

3585

X

cent. 231 Roques nolle

7/29

→

3586

X

7/24

"

✓

3587

X

7/20 - 7/21

"

✓

segr. rough & smooth; some
med. grain types

3588

X

7/24 -

"

✓

3589

X

7/25 -

"

✓

3590

X

7/26.

v. v. uniform lts & hdg. segr. stream & gold.

3591

X

7/25 -

"

✓

3592

X

7/25

"

✓

cent. 231	Rogers	Nolto	3593
7/25		Shorter than Cent, med-gr length fuller than Cent	X
7/22		"	3594
		"	X
7/25		a very good Z plant type, saved another grain may be too long, Use just shortest seeds (grain)	3595
Nolto	cent. 8/3/50		3596
7/28			X
7/25		"	3597
			X
7/27		"	3598
			X
7/25		"	3599
			X
7/25			3600
			X

B459A lines are showing v. early types
Century great types and types as
late or later than BBT. Sheffield
plant this cross exceptionally early
to get more accurate maturity date

BBT x 320/1 etc, have very early
types and some that may be st. earlier
than Cent and types as late as BBT or later
Seed very early in 1952 to distinguish.

$\begin{array}{l} \text{♀ cent. (2820) } \times \text{ 2560 } \\ \text{" } \quad \quad \quad \times \text{ 3176 } \\ \text{" } \quad \quad \quad \times \text{ 3601 } \\ \text{" } \quad \quad \quad \times \text{ 3601 } \\ \text{" } \quad \quad \quad \times \text{ 3601 } \end{array} \left. \begin{array}{l} \nearrow \\ \\ \\ \\ \end{array} \right\} \begin{array}{l} 8-1-51 \\ 8-2-51 \\ \text{L.E.C.} \end{array}$

IBB (2nd D.S.) $\times$ Cuban Plot no. 2 (151C)
 B.R. (1st D.S.) $\times$ " " " (131A)
 ZENITH (3rd D.S.) $\times$ " " " (169A)

ZENITH (3rd D.S.) $\times$ SPI ——— (169A)

IBB (2nd D.S.) $\times$ SPI ——— (151C)

IBB $\times$ B B $\dagger$ ——— (151C)

8/16 stopped on 3110

2778 may have several
male steriles, plants transpl to
transpl. block.

3631. a Red hybrid with much
of Red Ricci and characters, smooth
bulked types present, cross with
3enth 5 cent.

3895 et al are Satter.

(488) exceptionally bad for H. O.
sent to G. W. for inoculations

cut all of Row

4435 - put in field nurse.

EXPLANATIONS OF HEADINGS AND ABBREVIATIONS OF TERMS USED.

SIZE OF PLOT.—Decimal fractions of an acre, as 0.1, 0.025, or, in the case of nursery rows, length in feet.

RATE OF SEEDING.—In pecks per acre.

DATES.—In figures, as 9/15 (=Sept. 15).

STAND.—In thousands of plants per acre wherever possible; otherwise in percentages.

SPRING SURVIVAL.—Given in percentages based on number of plants per acre surviving the winter as compared with stand the previous fall.

MANNER OF GROWTH.—e.=erect; sp.=spreading (of value in distinguishing spring and winter grains).

HEIGHT.—Given in inches; in the case of bearded varieties, measure to tip of heads, not to tip of beards.

INFECTION:

Smut and bunt.—Notes taken at time of ripening. State percentage of infected heads. For example, if 10 heads out of 100 are smutted, the infection is 10 percent.

Leaf rust.—Taken at time of full heading; state the proportion of infected surface in accordance with the accompanying scale.

Stem rust.—Taken at time of ripening; express in percentages as for leaf rust.

LODGING.—Given in percentages of plants lodged at time of ripening.

SHATTERING.—Given in percentages of shattered grain when fully ripe.

YIELD:

Total weight of crop.—Weight of total crop from plot both grain and straw, in grams, ounces, or pounds.

Grain per plot.—Grams, ounces, or pounds of threshed grain.

Straw per plot.—Difference between two preceding weights.

YIELD PER ACRE.—Calculated from plot yield, in bushels of legal weight; wheat, 60 pounds; oats, 32 pounds; barley, 48 pounds; rye, 56 pounds; emmer and spelt, 32 pounds; flax, 56 pounds; proso, 56 pounds; buckwheat, 48 pounds; rice, 45 pounds.

WEIGHT PER BUSHEL.—Actual weight as determined by the grain tester.

GENERAL DATA

In case of the series of row or plot tests it is desirable to have all the constant conditions recorded for future reference. For these data the pages following may be used. The sample page shows the manner in which the general notes may be entered. In case several sets of experiments are recorded in a single book the conditions governing each may be given, the heading at the top of the page showing to which particular test the notes refer. The blank pages may be used for additional data, particularly to record the high, low, and mean temperatures, the rainfall, and the number of clear days for each month covered by the experiment.

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location-----Field H.
Size-----1/20 acre.

SOIL

Kind-----Prairie loam.
Position-----Somewhat rolling.
Previous crop-----Corn.

NAME AND CONDITION OF MACHINERY

Plow-----
Disk-----Osborn-----Sharp.
Harrow-----U Bar-----Good.
Seeder-----Monitor-----Good.

SEED

Variety-----Variable.
Weight per bushel-----Variable.
Source-----Variable.
Treatment-----Fanned clean and treated for smut.

SEED BED

Preparation :

1. Disked (lapped half)-----4-6-'08.
2. Disked (lapped half)-----4-10-'08.
3. Harrowed-----4-10-'08.
4. Harrowed-----4-27-'08.
5. Seeded-----4-27-'08.
6. Harrowed-----4-27-'08.

SEEDING

Manner-----Drilled.
Date-----4-27-'08.
Rate-----3 bushels per acre by weight.

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

3601

X

NO/TE CENTURY 8/3/50
 7/20 - 8/1 M. early, then Cent.
 4. T. pl. row. prob. by doing time
 for ht, crossed with Cent.

3602

X

7/21 - 8/2 "
 Possibly a 2-Cent hybrid, red-gr
 hypersprout, all rough.

3603

X

7/30 . "

3604

X

7/22 - 8/2 "

3605

X

7/25 - "

3606

X

7/25 "

3607

X

CENTURY 831 ROGUE NO/TE
 7/27

3608

X

7/28 - "

NOITE CENTURY HV.	8/2/53	3609	X
7/27			
7/24	11	3610	X
7/27	11	3611	X
7/26	11	3612	X
7/24 Seg	11	3613	X
7/24	11	3614	X
7/21 - 8/3	11	3615	X
V. short stem			
7/28 -	11	3616	X

3617

NOTE CENTURY HV. 8/3/50
7/26 -

3618

7/26

11

3619

CENTURY 231 ROGUES NOTE
7/27

3620

Hill

3621

7/22 -

11

3622

7/22 - 8/3
Tachytheron Ant, steam hulls fueling gr.
sl. earlier,

3623

7/20 - 8/1

11

3624

11

077 7/21	TYPE	NO/TE CENTURY	3625	X
7/21	"		3626	X
7/18 - 8/1	"		3627	X
7/21 -	"		3628	X
7/23 - 8/2	"		3629	X
8/5 -	"		3630	X
7/25 Smooth Red Rice types present clean for H.O.	"		3631	X
7/22 - 8/3	"		3632	X

3633 022 TYPE NO/TE century
7/25 -
X

3634 7/26 - //

3635 7/28 - //

3636 7/29 - //
X a semi med - grain,
cylindrical, more slender than
a med - gr. (Watch)

3637 (PIANT) seed from LATE SOWN INCREASE
7/25
X

3638 7/25 - //

3639 7/25 - //

3640 8/3 - 43

Plant seed from late sown increas
7/25

3641

X

7/25 -

11

3642

X

7/25

11

3643

X

DISHMAN CENT. 231 OFF TYPES
9/24/50

7/27

3644

1 row plot

~~11~~

7/23

11

3645

X

7/28 -

11

3646

X

7/25

11

3647

X

11

3648

X

3649 DISHMAN CENT. 231 OFF TYPES 9/24/50
7/28

X

3650 ROGUE FROM CENT. 23/INC.
7/23 - 8/3

X

A rough, V. Tall row.

3651 like 3650 11
7/23 - 8/3

3652 MAXWELL CENT.
7/27 -

X

3653 7/27 - 11

X

3654 7/27 - 11

X

3655 7/29 - 11

X

3656 7/28 - 11

X

MAXWELL CENT.
7/27

3657

✓

MAXWELL CENT. F.
7/27-

3658

X

7/26-

11

3659

X

27 7/26-

3660

MAXWELL CENT. F.
7/26-

3661

X

7/25-

11

3662

X

7/25-

11

3663

X

7/28 -

11

3664

X

3665

MAXWELL CENT. F.
7/28 -

X

3666

CENT. 231 077 TYPE
7/21 - 8/3

X

3667

CENT. 231 LATE SOWN INC. MAYBE F1
7/28 -

X

3668

7/27 -

"

X

3669

7/28 -

"

X

3670

Tetraploid. Types DISH. CENT. 231

X

3671

"

X

3672

"

X

appears to be Tetraploid
through 3674

TETRAPLOID TYPES FROM DISH. 3673
CENT. 231 X

7/29 - " 3674 X

DISHMAN CENT. 231 OBT TYPE 3675
7/28 - X

7/24 - " 3676 X

CENTURY ROGUE Field 13 3677 X

CENT. 56 ROGUES No 14E 3678
7/27 - X

7/21 - 8/3 " 3679
An open panicle type, hooded glume X

71 3680 X

3681 CENT. 56 NOLTE V. 19. gr.
7/26-

X

3682 Broussard CENT. V.E.
7/28-

X

3683 FIELD. PLOTS
Tall

X

3684 B403/A1-2
7/26-

X

4062

3685 8/2 -

X

✓

3686 7/27-

X

4063

3687 7/24 - 8/2

X

✓

3688 B403/A5 null or

X

4078

4078	403/A natl cr	3689	X
4079		3690	X
✓		3691	X
✓		3692	X
✓		3693	X
4082	403/A natl cr 7/13 7/21 a very early type, short stem, jsp type	3694	X
✓	7/14 seg	3695	X
✓	7/15 - 7/27 Has typical jsp stem leaves may be a little wider, said 3 per forjones	3696	X

3697

X

B403/A with cr
some sterile
plants present.
late

4085

3698

X

mostly fertile
late

3699

watch

8/28 - 9/3
a v. uniform late row.
Entire row is almost entirely
sterile, adjacent rows O.K. Is this a mutation?

3700

7/21 - 7/31

3701

X

B403/A1-1-1

with cr

4101

3702

X

3703

X

4103

3704

X

7/28

✓

✓ 114	8/3	3705	X
✓	8/2	3706	X
✓	7/2 7,	3707	X
115	Uniform med. grain type, smooth, short straw, not too hard to thresh, (Antennule)	3708	X brown
✓		3709	X
✓		3710	X
118	mostly smooth, med. gr. short str. threshes easier than 2. may be O.K. for a smooth Zenith type, grain is short & round cylindrical	3711	X
✓		3712	X

3713

B403/A1-1-1

natl cr

4/18

X

3714

4/21

X

3715

4/22

X

3716

4/24

X

3717

✓

X

3718

4/29

X

3719

✓

X

3720

11

T

430
 ✓ are gold rough types
 v. long grain, as full as BB+
 w. fuller, narrow-leaved

432 ✓ v. long grain

3721

X

3722

X

3723

X

3724

X

3725

434

3726

X

3727

X

3728

X

3729

B403/A1-1-1

nall a

4/36

X

3730

✓

X

3731

4/37

X

3732

✓

X

3733

✓

X

3734

4/38

X

Watch had 2nd straw in 50
 straw hulls, some size for hull color
 V. narrow leaves, plant, straw appears
 more like 2nd rice

3735

like 3734 but all gold hulls
 shorter of the time,

✓

~~the~~ 6-row

3736

✓

X

B4031 A1-1-1-2-1-9-2-1

439

3737

X

3738

X

3739

X

139

3740

X

139

3741

X

141

3742

X

3743

X

3744

X

3745

X

4142

3746

X

✓

3747

X

4143

3748

X

✓

3749

X

✓

3750

B4D3/A1-3-3-47-7-5-2
gram quite full?
Watch

~~DE~~
X

4146

3751

+

✓

3752

+

4147

147

3753

X

3754

X

3755

X

B403/A1-1-4-5
15H later than others

3756

X

3757

X

3758

X

3759

✓

3760

X

3761

B403/A1-1-4-5

H165

X

3762

✓

X

3763

✓

X

3764

H166

X

3765

✓

X

3766

✓

X

3767

H172

X

3768

✓

X

174

3769

X

175

3770

X

177

3771

X

178

3772

X

184

3773

X

185

3774

X

186

3775

X

186

3776

X

3777

134031A 1-1-4-5

4196

X

3778

4198

A

3779

✓

X

3780

47

3781

4201

X

3782

✓

X

3783

✓

Y

3784

4205

Y

205

3785

X

238

3786

X

✓

3787

X

✓

3788

X

245

3789

X

✓ ~~put~~ same met. as tent 52 or
inter

3790

X

✓

3791

X

B4031A1-8-3
255 2/4

3792

3793

B403/A1-8-3
8/24

4255

3794

8/24 -

✓

3795

8/24 -

4261

3796

- 8/28

✓

3797

8/24

4262

3798

8/24

✓

3799

8/24

4263

3800

7/

✓ 1267 3801

X

✓ 274 B403/A1-1-11 3802

X

✓ V. wide lines, non erect flag, 3803
like Del Patna, med. ht, straggly

X

✓ 3804

X

✓ 277 8/1 Century Sel 3805

X

✓ 7/30 3806

X

✓ 288 8/1 3807

✓

✓ 7/27 3808

X

3809

Cent. del. Short gr.
7/28

4292

X

3810

X

✓

3811

X

✓

3812

X

4293

3813

X

✓

3814

X

✓

3815

X

4294

3816

✓

✓

X

395 7/29

3817

X

- 7/29

3818

X

396 7/29

3819

X

4 7/21 8/1

3820

✓

396 7/29

3821

✓

✓ 7/29

3822

✓

Century sel
302 7/23 8/2

3823

✓

✓ 7/23 8/2

3824

X

3825

Save V. Early
7/27 8/2

4302

X

3826

7/23 — 8/2

✓

X

3827

8/3

greener straw in 1950 (later)

4303

X

3828

7/29

apples very promising, greener straw
and prob. larger alternative cut
prob. good aug. for mtd.
select straw, V. good.

✓

X

3829

7/31

✓

X

3830

7/29

✓

3831

Med. gr. Types

4305

L

7/27

3832

7/27

✓

305	Med. gr. Types 7/27	3833	α
308	B403/A1-3-3 sub 7/29	3834	X
311	Pn. STRAW 7/29-	3835	X
✓	7/28-	3836	X
✓	7/28-	3837	X
317	(MAY NOT BE) 7/26	3838	X
✓	7/27 an early generation Rfl. med-gr rough & smooth gold & straw	3839	X
11	7/26 8/5	3840	X

3841

B403/A1-3-3 ^{del} ~~BE~~

4317

May ~~not~~ 8/4

X

(like 3839)

3842

7/27 -

✓

X

v. lall

3843

^{7/35} ^{8/4} That stream in 1950 says bull color
med-gr

4319

X

3844

✓

X

3845

✓

X

3846

✓

X

3847

✓

X

3848

✓

X

✓

all as much alike except for bull color

319 7/25 8/4 3849

X

✓ 3850

✓

✓ 3851

✓

321 7/28
In 1950 was taller than Cent longicaulis

3852

✓

✓ 7/28 3853

X

✓ 7/28 3854

X

325 7/25 Cent
med. gr. in 1950,

3855

X

✓ 7/25 3856

X

all
dise

3857 *Century*
7/25

H325

X

3858 *7/26*

✓

X

3859 *7/25 -*

✓

✓

3860 *8/2*

Hill

X

3861 *7/25*

H327

X

3862 *7/25*

✓

X

3863 *7/25*

✓

X

3864 *7/25 -*

H328

X

Sept rough - smooth; gold volume in 1950

328 7/25

3865

X

- 7/26- 8/5

3866

X

329 7/24- 8/3

3867

X

- 7/25- 8/4

3868

X

330 7/24

3869

✓

- 7/27

3870

✓

332 7/27

3871

X

- 7/25- 8/5

3872

X

3873 Century Sels
7/26 - 8/4

4332

X

3874 7/26 - 8/5

✓

X

3875 7/25 - 8/4
Violent qd. in 1950

4333

X

3876 7/25 - 8/4

✓

X

3877 7/25 - 8/4

✓

X

3878 7/16 - 8/29 8/18

4334

X

3879 BBT met in 1950
7/26 -

4334

X

3880 8/4

43

334 8/7

3881

X

7/15 seq

3882

X

7/22 seq

3883

X

7/22 seq

3884

X

335 7/21 - 8/1

3885

X

7/25 - 8/4

3886

X

336 7/25 8/4
was v. good now in 1950

3887

X

7/25 8/4

3888

X

Centrum sel

3889

7/25

8/4

4336

X

3890

7/25

8/4

4337

Excellent panicles in 1950. v. good Cent. type

X

3891

7/25

8/4

✓

X

3892

✓

X

3893

Interned Sather in 1950

4341

X

3894

11

✓

X

3895

Sather in 1950

4341

X

3896

✓

X

341 Saths in 1950
7/21 8/1

3897

X

HH4 V.E. Hc. 8/23
7/21 7/31

3898

X

HH5 V.E. 11
7/19

3899

X

47 7/25

3900

X

345 7/26

3901

X

✓ 7/26

3902

X

✓ 7/26

3903

X

351 Century sel north 1949
7/25

3904

X

3905

Century note 1949
7/27-

4353

X

3906

7/27-

✓

X

3907

V.E.
7/26-

4356

X

3908

7/26-

✓

X

3909

7/25- 8/5

✓

X

3910

7/28-

4358

X

3911

7/28-

✓

X

3912

7/27

✓

X

361 7/27-8/4

3913

X

✓ 7/29

3914

X

370 med. gr
7/28-

3915

X

V. good med-gr. row in 1950

✓ 7/28

3916

X

✓ 7/28

3917

X

✓ 7/28-

3918

X

373 7/25 8/4

3919

X

71

3920

X

3921

Century (holbe 1949)
7/27 -

4373

X

3922

7/27 -

4381

X

3923

7/25 - 8/4

✓

X

3924

7/26 - 8/4

✓

a uni, straw hulled type
V. early, Ant op. types

N

3925

7/24 - 8/4

4383

X

3926

7/21 - 8/1

✓

X

3927

7/25 - 8/6

✓

X

3928

8/2

4384

X

384 8/4

3929

X

✓ 8/4

3930

X

394 7/25 Century (Winterman 1949)

3931

X

✓ 7/25

3932

X

393 Cent 234 7/26

3933

X

✓ 7/26

3934

X

394 7/27

3935

X

✓ 7/30

3936

X

3937	Cent 234 7/25 -				4394
------	--------------------	--	--	--	------

X

3938	7/25 -				4395
------	--------	--	--	--	------

X

3939	7/26 -				✓
------	--------	--	--	--	---

X

3940	7/21 - 8/1				4
------	------------	--	--	--	---

3941	7/25 8/5				4395
------	----------	--	--	--	------

X

3942	Cent 234 8/4 fuller grain than an in 1950 + shorter hystran, water in 1951 absolute in 1951, less grain				4401
------	---	--	--	--	------

X

3943	7/30				✓
------	------	--	--	--	---

X

3944	7/28				✓
------	------	--	--	--	---

X

↓

✓ 401 7/30

3945

X

✓ 7/31

3946

X

✓ 7/29

3947

X

✓ 7/31

3948

✓

✓ 7/26 Possible 7 x Cent

3949

X

✓ 7/2)

3950

X

✓ 7/27

3951

X

✓ 7/23-8/2

3952

v. good iron taller than Cent prob.
a fuller grain,

X

3953

may be 2 x Cent
8/4

4404

3954

7/28 seq

✓

3955

7/26-Seq

✓

3956

may be 2 x Cent.
7/27 Seq

4405

3957

7/26-Seq-

✓

3958

Cent 234 - rogue
7/28-

4406

3959

7/25-

✓

3960

7/26 - 8/4

11

are in lt, (v. short) gold,
early, long stems than Cent,
1 shorter stem, much later
Bell neck but easier to find

406 7/30

3961

X

Cent 234 rogne
410 7/25

3962

X

✓ 7/27

3963

X

✓ 7/22 8/4

3964

X

North Cent 1949
418 7/28

3965

X

✓ 7/28

3966

X

✓ 7/26

3967

X

426 7/25

3968

X

3969

Yellow Cent (1949)
7/25 -

4426

X

3970

7/24 -

✓

X

3971

7/28 -

✓

X

3972

8/4

4429

X

3973

✓

X

3974

8/2

4441

X

3975

✓

X

3976

7/28 -

✓

X

B403/A1-3-3
453 8/3

3977

X

8/1

3978

X

3979

X

456 8/5

3980

456

3981

X

3982

X

B403/A1-1-10

late V. Uniform lit,
short sturdy, green stream,
good Rex grain type

3983

b-Road

X

3984

X

3985

B40 31A1-1-10

4472

✓

3986

earlier than others
med-late

✓

✓

3987

✓

✓

3988

4473

✓

3989

✓

✓

3990

✓

✓

3991

4475

✓

3992

✓

✓

475

3993

X

3994

V

3995

X

479

3996

X

3997

X

3998

X

482

3999

X

43 7/28-

4000

X

4001

B403/A1-1-10

4482

4002

4484

4003

4004

B403/A1-1-5

vsh strain in 1950 (TP met?)

4490

4005

seeding late, possibly a little
earlier than TP. vsh strain as
in 1950, good TP grain.

4006

B403/A1-1-1-2-1

Tall veg. sp. in 1950

4499

4007

4008

looks exceptionally
good when ripe. Prob. is
2. later than B403. Has best
grain type.
Watch out, excellent veg. growth

501	B403/A1-1-1-2-2-1	4009	X
-		4010	X
-	midseason	4011	X
642	Aubrey Jones T P Sel 7/26-8/6	4012	X
✓	7/26-8/6	4013	X
648	B403/A1-1-5	4014	X
✓	not as good as 4006 but ok	4015	✓
648		4016	✓

4033

8/4

4534
4035

X

4034

8/2

✓

X

4035

8/5

✓

X

4036

8/5

✓

X

4037

7/27 -

✓

X

4038

✓

X

4039

✓

X

4040

71

534 + 11535

4041

X

538

4042

X

-

4043

X

539

4044

X

-

4045

X

-

4046

X

B4538A1-2

R-7689XTRPBR

550

4047

X

✓

4048

X

4049

B4538A1-2

R-7689 x7PrRSBR
4550

X

4050

4552

X

4051

Prob. Cent 52 mat. v good
straw

✓

stopped

4052

4554

+

4053

✓

4054

$\frac{7}{22}$ — $\frac{8}{5}$ A1-4

4555

X

4055

$\frac{7}{22}$ — $\frac{8}{4}$
very dark short strawed type

✓

X

4056

4560

X

562 A1-11
 a very short leafy type
 early, large erect flags.
 clean

4057

X

4058

X

564

A 1-5

4059

X

4 7/20

8/1

4060

X

564

4061

X

565

4062

X

4063

X

566

4064

X

4065

X

B4538A1-5,

R-76897P, R56

4566

4066

X

4067

X

A1-10

4570

4068

X

4069

X

stiff peduncle, almost a med. gr,
a dry stramed type, short straw
probably some later than cent.

4070

X

A1-61

4573

4071

X

4072

X

A1-62

4576

576

A1-62

4073

X

579

4074

X

✓ 8/4

4075

X

✓ 8/5 Prok the head of the early
rows, about 32 rows
a full gram.

4076

X

581

4077

X

✓ 8/3

4078

X

583 8/4

4079

X

1 3rd
7/25-8/5

4080

X

4081

34538A1-62 R-7689X(TPXR-SBR)

4583

X

4082

4586

X

4083

✓

X

4084

4588

X

4085

✓

X

4086

4594

X

4087

✓

X

4088

4596

X

more spreading growth
than others

late maturing, only few, low.

596

4089

X

602 earlier than others, is prob
later than Aug 23/9 but very
short study than watch

4090

X

4091

X

4092

X

604

4093

X

4094

X

4095

X

606 7/28

#1-31

4096

X

any look too fast
short than
med
old 3 abki

4097	B4538A1-3/ 7/28-	R-7699XTPxR5GR 4606
------	---------------------	------------------------

4098	7/31-	✓
------	-------	---

4099	7/25- A1-40 8/5	4609
------	--------------------	------

4100	8/5	Hill
------	-----	------

4101	7/25- 8/4	4609
------	-----------	------

4102	7/25- A1-1 8/4	4610
------	-------------------	------

4103	7/25- 8/4	✓
------	-----------	---

4104	8/4 A1-2	4614
------	----------	------

614	2 uni late row	4105	X
-	Sign Ed lab	4106	λ
615 8/4		4107	X
-		4108	X
622	A1-5	4109	X
-		4110	X
B4542A1-1 625 8/1		R-7689 (PYR-SKX) 4111	X
- 7/31		4112	λ

4113

x

B454241-2

8/1

v. short, med gr. gold

R-7689 (TPxR-SBP)
4626

4114

x

8/1

v. short, med gr. gold

✓

4115

x

8/1

4629

4116

x

8/1

✓

4117

✓

8/1

4630

4118

x

8/1

✓

4119

✓

B4524A1-1

8/1 -

7P49 (TPxR-SBP)
4633

4120

8/2 -

43

(Stronger hulls, short stems taller than 4113-16)
(all gr. v. uniform + sturdy straight)
(are shorter than 4115+16) (shorter than 4115+16) (1950)

B4524A1-

633

Short stem, prob. B&S Mat, Hv 10%
excellent long gr type,

4121

4122

X

635

4123

X

4124

X

638

A1-2

4125

X

4126

X

4127

X

645

A1-5

4128

X

4129

B4524A1-5

TP49X(TP1R-SK)
H645

X

4130

H647

X

4131

✓

4132

A1-6

H647

✓

4133

✓

X

4134

probas late as T.P. P. (is late
than SK)
V. short green stem, long stems

H651

6-Row
plot

4135

✓

✓

4136

H654

✓

654

4137

✓

656

4138

✓

-

4139

✓

7 7/25 8/3

4140

659

4141

X

✓

4142

X

-

4143

X

-

4144

X

4145 B4524 A1-6

TP49X(TPRSR) 4661

✓ E.
7/28

4146 7/28

4147 / A1-8

4669

4148

4149

4150 7/26

4645

4151 7/26

4152 7/28

645-7/27

4153

X

4154

X

7/25 8/4
early

4155

X

4156

X

676

4157

X

7/26

4158

X

4159

T

4160

X

4161

B4524A1-8
8/4

7P49X P.R. 50
H676

X

4162

7/28

H677

X

4163

X

4164

7/28

X

4165

A1-10

H681

✓

4166

X

4167

6?
H682

X

4168

7/28

X

✓

684

4169

X

4170

X

687

4171

X

4172

X

A1-12

691

4173

X

4174

X

A1-13

692

4175

late mat, excellent TP grain
type, leafy like TP 496-Row
Plot

WT

4176

X

4177

B4524A1-14
8/3

7149 (P) P-SBR)
WT 4695

X

4178

8/3

WT

✓

X

4179

A1-16

4696

X

4180

7/22 — 7/31

4

X

4181

4696

X

4182

A1-20

4698

X

✓ short strain later than 568,
prob earlier than T.P.?

4183

✓

X

4184

A1-24

4701

X

701

4185

X

4186

X

711 7/24 8/4 AI-34

4187

X

- 8/4

4188

X

- 8/4

4189

X

✓ 7/22 8/3 (late)

4190

X

AI-37

719 was outstanding in 1950 (early 7/27)

4191

X

Banded + grain too long

4192

X

4193

34524A1-37

TP49 x GP x R-SBR

was outstanding in 1950

4719

X

Bearded & grain too long,

4194

7/26 -

4722

X

4195

7/27 -

✓

X

4196

7/27 -

✓

✓

4197

4723

X

4198

8/4

✓

X

V. Uniform now

4199

A1-39

4724

X

4200

7/21 - 7/31

11

424

4201

X

427 7/22 - 8/2 A1-7

4202

X

✓ 7/22 - 8/2

4203

X

✓ 7/22 Sep

4204

X

730

A1-41

4205

X

✓

later

4206

X

732

4207

X

-

4208

X

4209

X

B4524A1-43

TP49X (TPX R-SBR)

4735

4210

X

✓

4211

6 Row Plot

v. uni, excellent very green
valent straw, B&B green size, gold
hulls, large stems, leaves and
stems all very green. B&B not?

4738

4212

X

✓

4213

X

4742

4214

X

earlier than others

✓

4215

X

v. long gr. type

153

4216

X

55 ✓ 1049 gr. TYPES in 1950 4217

X

✓ V. long grain in 1951
late 4218

X

✓ 4219

X

Hill 8/3- 4220

X

155 late 4221

X

B45,26A4-1 TP49 x (TPXR-SBR)
4746 7/2 8/4 4222

X

✓ 7/2 8/4 Watch as early as 4223
early, short grain better than
than Century possible better grain type
6 row Plot

✓ 7/2 8/4 4224

4225

B4526A4-4

TP49 X (TP R-SBR)
4748

4226

4227

4228

A4-8

4754

4229

4230

7/22-8/3 A4-9

4759

4231

7/2-8/3

4232

A4-10

4758

V. good shape but taller
than century,

758	late, short straw, good TP grain type, A4-14	4233 X
762		4234 X
✓	v. uniform BBD mat, excellent grain type <u>Watch</u> A4-15	4235 gray Plot
768		4236 ✓
✓		4237 X
✓		4238 X
9/20/23	8/4 A4-16 Is 1 early, good grain	4239 X
13 7/31		4240

4241

B4526A 4-16
7/23 - 8/5

TP49K(TPXR-SBR)
4770

X

4242

AS-1

4771

X

4243

WT

✓

X

4244

8/3 -

4775

✓

4245

8/4 -

✓

✓

4246

4777

X

4247

✓

X

4248

8/4

✓

X

B46-4797-5

Resack del

822

4249

much like 4799 - same but is
C.P. resistant and has a grain
as slender as BBT. Adm

6 Row Plot
✓

4250

X

4251

X

B46-4856-7-5-2-1

4252

X

-2

4253

X

-7-8

4254

X

4255

X

B46-4803-9

4256

✓

870

4257

B50-3042,
7/27-

Rexach sel

H871

X

4258

B46-4799

"

H874

X

4259

✓

X

4260

7/25 - 8/3

47

X

4261

Is this sel longer grained
than original.
S to C.O.

H874

X

4262

smooth R to C.O. grain is
as long as B54. V. good.
Prob not as good as 4249.

✓

below
plot

4263

H876

X

4264

✓

X

876

4265

X

890

4266

↑

4267

↑

894

4268

X

4269

X

897

4270

X

4271

X

4272

X

All show only a moderate amount of C.O.

4273

B46-4799

Remark del

4898

X

4274

X

4275

O.
C.
X

X

4276

g

4899

X

4277

are

✓

X

4278

4906

X

4279

late

✓

X

4280

late

71

X

B50-4908,
708

gold Bkt (Bauer)

4281

X

4282

V

B50-4909
709

Bkt Hdr

4283

X

4284

X

B48-4978
910 Rough

Bkt

4285

X

4286

T

B48-5030
915

4287

T

4288

X

B48-5030

4289

H916

✓
X good grain type, too tall
no C.O. ✓ green straw

4290

✓

X

4291

H917

X

may be 916 BBT

4292

BBT. Sels from Hd. Rows

X

4293

//

✓

4294

//

X

4295

//

X

4296

6 Row
plot

a green striped BBT
shorter straw than others
watch as a pinched BBT without awns.

Huddleston BBT.	4297
	X
"	4298
	X
BBT. 50 077 Type	4299
	X
	4300
	X
BBT. 50 077 Type	4301
	X
16 dunless short staired V green staired unless BBT, Watch in 1952	4302 brown plot
Kalte BBT. 50 dunless	4303
	X
"	4304
	X

4305 No. 10 BBT. 50 Aunless

X

4306 aunless, messy he short stem

X

4307

Ad Row soon in 1952

~~135~~
135
135

may be aunless, short,
like BBT 50
no done all beds hv. (135)

4308

X

aunless and tail

4309

X

//

4310

X

//

4311

X

aunless

//

4312

X

aunless

//

Malto B.B.T. 50 Bunless

4313

X

11

4314

X

Good up with the other some
pink, green, straw,

4315

✓

11

4316

✓

11

4317

+

11

4318

+

11

4319

✓

4320

X

4321 Nalte BBT 50 Aunless

X

4322 a c.o. resistant short stamined
BBT type, no money, you say,
straw + gold watch

NO Hds
25 Hds

4323 C.O. resistant also, all
straw, maybe taller than 4322

4324

11

X

4325

11

X

4326

11

X

4327

11

X

4328

11

X

molto BBT. 50 Aunlee 4329

X

11

4330

X

11

4331

X

11

4332

✓

11

4333

X

C.D. resistant, 11 segs. gold & strain

4334

X

11

4335

✓

11

4336

✓

4337 Nalte BBT. 50 Aundess

✓

4338

"

✓

4339

"

✓

4340

69

4341 Nalte BBT. 50 Aundess
8/4 -

✓

4342

"

✓

4343

"

✓

4344

"

✓

BBt. 50 short gr. type 4345

X ✓

BBt. 50 long grain type 4346

X

BBt. 50 gold Bunleae (No. 12) 4347

X

"

4348

X

"

4349

X

8/1

"

4350

X

"

4351

X

BBt. 7 flavored Jsh. gold Rough ^{med} 4352
(by Reidland)

X

Tailor than BBt. H.O. resistant, rough med gr.
V. little C.O. must have come from Delitua
as it has many Delitua characteristics

4353

B46-4248

BBT

4922

4354

4355

4925

4356

4357

4926

4358

4930

4359

4360

71

B46-4257-
933

4361

X

4362

X

934

4363

✓

4364

✓

B47-374/
945

4365

X

✓ a long sl. gr. type
showy, o.o. resistant
Athens are too full & too short

4366

X

4367

✓

954

4368

X

4369

X

B47-374/

BB

H954

4370

X

✓

4371

X

B47-3743

H957

4372

λ

✓

4373

X

v. long grain type
no C.O

H968

4374

λ

✓

4375

X

H974

4376

Y

✓

B47-3756
979

B47

4377

✓

- V. long grain
no C.O.

4378

✓

983

4379

✓

980

4380

✓

-983

4381

✓

✓

4382

✓

B49-4601
987

B49

4383

✓

-

4384

q

4385

B49-4601

B/B

4989

X

4386

✓

^

4387

B49-4607

"

4990

X

4388

✓

X

4389

4994

X

4390

Fortuna

chul

X

4391

4994

X

4392

✓

X

B49-4616

B13+

4393

x

4394

x

B49-4622

4395

x

4396

x

B49-4626

4397

x

4398

x

4399

x

4400

x

B49-4626

4401

5016

X

4402

5017

X

4403

Rt Co. V. Uniform
determine whether like BBT, 50,
n 2BB

✓

X

4404

5019

X

4405

✓

X

4406

B49-4627

BBT

5021

X

4407

✓

X

4408

B49-4655

BBT 50

5036

X

036

4409

X

✓

4410

X

B48-4659

Bkt 50

042

4411

X

Slenderer than preceding rows
 wide leaf, 1 little C.O., green strap, 6-P. Row
 grow along side Bkt 50, etc, check plot

✓

8/3

4412

X

047

B49-4662

8/3

molte. Bkt

4413

X

✓

8/3

4414

X

✓

8/2

4415

X

062

4416

X

B45-2379

BRT

4417

5063

X

4418

5064

X

4419

✓

X

4420

66

^

4421

5064

^

4422

5066

^

4423

✓

^

4424

a slender-grain type

5067

X

67
4425

x

73
4426

x

4427

x

4428

x

78
4429

x

4430

x

4431

x

184
4432

x

4433

X

B45-2379

BBT

5084

4434

X

4435

B322B47-12

R x F

5088

*as slender as Rexoo, prob. no
lungr. watch*

4436

X

selected for shortest lengths

4437

X

5095

4438

L

4439

X

4440

68

4441

X

4442

X

B457A1-11 P check may be 5101

4443

X

4444

X

B4535A1-28

R-7689 B45

4445

X

4446

X

4447

X

4448

X

4449

B4535A1-28

R-7689 x BBT
5/11

4450

4451

8/3 -

5/12

4452

4453

5/16

4454

4455

Indecision, No CO.
V good grain type
rather tall

5/18

4456

5/19

✓ 19

4457

✓

✓

4458

x

124

4459

x

69 $\frac{8}{3}$

4460

x

124

4461

x

126

(outstanding in 1980)

Too tall + grain too thick

4462

x

✓

4463

x

127 $\frac{8}{4}$

4464

x

4465

B4535A1-29
8/3

R-7689 x BBA
5135

x

4466

4148
may be
5142

x

4467

✓

x

4468

5146

x looks very good

4469

5148

x

4470

6-rod
plot
✓ short stem, long lvs.
good tillering, fairly early

5150

4471

5151

x

4472

B453C1-67

5152

x

↑
BBA not
✓

770	V. good sh. grain type BBB mat	4473	✓
775		4474	✓
			X
786	B454 A1-81	BBB x K-R	4475
			X
790	Fairly short stem, v. uni, easily threshed, C.O. resistant good BBB grain type, prob. more slender	4476	X
			6-Row pl
795	Too tall	4477	X
			X
799		4478	X
			X
		4479	✓
			✓
7/		4480	X

4481

B454A1-81

BBT x K-R

5211

✓

4482

✓

✓

4483

5213

✓

4484

✓

✓

4485

5215

✓

4486

Too tall, V open reg,
good BBT grain, V little C.O,

✓

✓

4487

5216

✓

4488

✓

✓

231

A1-82

4489

X

✓

4490

X

✓

4491

X

235

A1-84

4492

X

✓

4493

X

5246

B45582-17-5-4

B45582-17-5-4

4494

✓

✓

4495

X

249

4496

X

249

4497

X

5249

5249

4498

B455B2-17
7/27

5250

X

4499

7/27

✓

X

4500

80

X

4501

B455A1-27

2255

X

4502

6-10m

short stem, V good

✓

X

4503

5257

X

4504

✓

✓

359

4505

x

4506

x

4507

x

362

4508

x

sl. taller than others

4509

x

363

4510

x

4511

x

366 Tallest row, but prob.
 consid shorter than BB, no C, O
 green stem, a long row

4512

6-Row

x

4513

X

B455A1-27

BB1x(TPXR-SBR)
5366

4514

X

4515

X

5367

4516

X

4517

X

4518

X

4519

X

5368

4520

7/25 - 8/2

47

X

368

4521

X

370

4522

X

✓

4523

✓

371

4524

v. good row.

X

✓

4525

X

372

4526

X

✓

4527

X

373

4528

X

80
4529 B455 A1-27 BBT x (P x R - SER) 5273

x

4530 5275

x

4531 ✓

x

4532 ✓

x

4533 5276

✓

4534 ✓

✓

4535 B455 A1-15 5278

appears to have a better
glen shape than A1-27 line
is more slender?

4536 ✓

x

381

4537

X

4538

X

4539

X

386

4540

X

383

4541

✓

✓

4542

X

386

4543

X

✓

4544

X

4545

B455A1-15

BBT (TPxR-SBR)
5287

X

4546

X

4547

lost TAG Prob.

5288

X

4548

"

V

X

4549

5291

X

4550

X

4551

A1-8'

5292

X

4552

5292

X

393

4553

x

395

Taller than others

4554

v

397

4555

x

304

p

4556

x

-

p

4557

v

68

4558

c

4559

v

4560

v

Most are shorter than long

4561

?

5303

X

4562

?

X

4563

?

X

4564

B4SSA1-7

BDT (TPR-SRP)

5303

X

4565

X

4566

X

5303

4567

X

4568

X

5303

69 4569

X

70 4570

X

71 4571

X

72 4572

X

73 4573

X

74 4574

X

75 4575

X

76 4576

X

B455A1-14

16

10
4577

B4SSA1-15

BB (TP R-SBE)

5321

X

4578

X

✓

4579

X

532

4580

X

69

4581

✓

532

4582

X

532

4583

X

✓

4584

X

533

335

4585

X

344

4586

X

4587

X

4588

6-Row

X

345

4589

X

4590

X

348

4591

X

4592

X

This family is short
 stunted than any of those
 in all probability, are most
 green, showed still
 standing o.k. + some green
 leaves on 10/25/51

ht, sturdy

4593

B455A1-27

BBT x (TP x R-SBR)

535

x

4594

7

4595

x

4596

7

4597

A1-30

535

x

4598

x

4599

7

535

4600

71

much taller than A1-25 family.
grain is too long and
curved.

364

B2-3

4601

X

✓

4602

X

366

4603

X

363

4604

✓

372

B2-7

4605

✓

✓

4606

X

383

A1-13

4607

X

✓

4608

✓

4609

B455B2-11

B131 x TP x R-SBR

5381

X

4610

X

✓

4611

入

538

4612

X

✓

4613

B2-13

X

538

4614

X

✓

4615

X

538

4616

✓

397

4617

X

399

4618

X

80

4619

X

402 7/31

4620

405 8/4

B2-16

4621

X

409

4622

X

410

4623

X

4624

X

4625

B455B2-16

BBTx(TPxR-SBR)

542

X

4626

7/31 - B2-17

544

X

4627

B4522A1-21

TP49x B15T

5434

X

4628

✓

✓

4629

✓

X

4630

✓

X

4631

546

✓

4632

A1-9

✓

X

A1-26

4633

X

4634

X

4635

X

4636

✓

4637

X

A1-55

4638

Same C. O.
 shorter show more
 standing than P. 1; P. 2 more
 fuller grain, gold hulls
 where and these later
 coming from 3
 have been picked up
 from several E. & W.
 crumpled
 1/2 gal + 1/2 pint
 as a present.

4639

4640

4641

B4522 A1-55

TP49 x BRT

5441

4642

2/2

A1-29

5443

4643

A1-43

5451

4644

4645

6-Row

may be later than BRT

5455

Has very green straw of TP49,
long ped + sturdy straw of TP49
watch, excellent Rex grain type (Straw
bolls)

4646

A1-48

4647

5461

4648

A1-50

5466

4649

4650

4651

B.457A1-24, BBx 8975 4652

4653

See grain length & breadth
 said only length and most
 slender

4655

4656

4657 B457A1-11, BBT x 8975

5483

X

4658 no taller if as tall as 2BB,
no C.O., less N.O.,
v. good grain type

✓

X

4659 B50-5486 B457A1-11/BBT x 8975
short stem in 1950

5486

X

4660

68

"

4661

5487

✓

4662

✓

4663

6-Row
✓

"
much shorter stem than 3BB,
v. good grain type, some C.O.

✓

4664

B457A1-11

BBT x RN

5491

4

494

4665

X

497

4666

X

4667

X

507

A1-29

4668

X

556

A1-31

V. short straw V. uni. ht,
 good BBH grain type, some 6-Row
 C.O., green straw.

4669

X

Pat Boyt R.N. Natl. cr.

4670

X

11

4671

X

11

4672

X

4673

Prob R x N

55

X watch v. good now in 1950

4674

X

fold

4

4675

X

50

4

4676

X

55

4677

6-Row

Shortest row grain too
ghost & too full

✓

(

land this row as a good full grain type
Has good looking grain for milling

4678

Prob. fuller than R x N

55

X

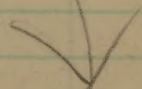
4679

X

✓

4680

69



526	R x N ? V. long gr. a very long grain type.	4681	X
-	"	4682	X
529	8975 sel	4683	X
531		4684	✓
533		4685	X
-		4686	✓
534		4687	✓
534		4688	X

4689

8975 sil

5538

X

4690

Imp BBA/Bann

5539

X

4691

X

4692

X

4693

5540

X

4694

X

4695

5541

X

4696

5542

X

B47-3806

~~B13~~ x 8975

4697

x

8975 roque

4698

x

4699

x

4700

x

4701

x

4702

x

4703

x

4704

x

4705

✓

8975 rogue
550

4706

✓

good BBT main type
RN plant types

550

4707

✓

550

4708

✓

✓

4709

✓

550

4710

✓

550

4711

✓

✓

4712

✓

550

502

4713

X

503

4714

X

509

an excellent sturdy green strawed
type, strong hulls, grain a
little shorter than B3t
should be an excellent miller.

4715

✓

511

4716

X

514

4717

X

521

4718

X

4719

X

520

4720

X

4721

9/3 -

Imp BBT 12

5631

X

4722

5632

X

4723

Imp BBT

5642

X

4724

✓

✓

4725

566

✓

4726

566

✓

4727

✓

X

very light green 4722-4727 (8/3)

4728

569

X

dark green (8/3)

674	dark gr				4729	X
8	dark gr	Rogue			4730	X
						X
	Hg. Long. B.B.T. Rogue				4731	X
	8/4					X
679	Purple Mura				4732	X
						X
682	7/26	P	49-279		4733	X
		1				X
✓	7/26-				4734	X
						X
683	7/24	8/3			4735	X
						X
684?	7/25	leaf			4736	X
was labeled						X
2684						X

4737

7/25 Sep

49-279

J

5684
was labeled
2684

4738

7/25 Sep

J

✓

4739

7/25

J

5695

4740

7/25

J

47

4741

7/25

J

5696

4742

J

5697

4743

J

✓

4744

7/27

✓

570

✓ 7/27

4745

X

✓ 7/27

4746

X

✓ 7/26

4747

J

✓ 7/25

4748

X

✓ 7/25

4749

X

✓ 7/26

4750

X

✓ 7/26 -

4751

V

✓ 7/26 -

4752

V

4753

7/21 — 7/30

Stockdick

5708

X

4754

5712

X

4755

✓

X

4756

Stockdick v. Early Black
7/22 —

X

4757

7/22 — 8/1

11

X

4758

7/22 — 8/1

11

X

4759

8/4 —

11

X

4760

66

X

Stocklick v. Early Block 7/26 leg			4761
7/22	7/31	"	4762
7/22	8/1	"	4763
7/21	7/31	"	4764
7/20	7/30	"	4765
7/22	8/1	"	4766
7/20	8/1	"	4767
7/18	8/2	"	4768

4769

Stockdick
7/22 - 8/1

V. Early Black

4770

7/22 - 8/1

"

4771

7/22 - 8/2

"

4772

7/21 - 8/1

"

4773

7/18 - 8/1

"

4774

7/17 - 7/31

"

4775

"

4776

7/22 - 7/29

"

Stockdick 7/14	7/27	v. Early Block	4777	X
7/22	8/2	11	4778	X
7/19	8/1	11	4779	X
68			4780	X
7/20	7/30	11	4781	X
7/28		11	4782	X
7/25		11	4783	X
7/22 - 8/1		11	4784	X

4785 Storkdik V.E. Block.
7/23 -

4786 "

4787 7/20 Seg "

4788 7/20 "

4789 7/21 - Seg "

4790 "

4791 7/21 - 7/28 "
 and 9 v. carbide most uniform

4792 7/28 "

7/22	leg	Stoddick V.E. Black	4793	X
7/22		"	4794	X
7/20	An early straw type	BBT type stays green when over-	4795	X 6 Row plot
7/20		"	4796	X
7/20		"	4797	X
7/23		"	4798	X
7/23		"	4799	X
9 7/23			4800	X

85
4801

Stockdick V.E. Block

X

10 each plant (7/20)

4802

11

X

4803

Stockdick Midseason
7/25

X

4804

7/25

11

X

4805

7/25

11

X

4806

7/25

11

X

4807

7/25

11

X

4808

7/25

11

X

Stockholm Midseason
7/25

4809

X

7/25

11

4810

X

7/28 Sep

11

4811

X

7/25

11

4812

X

7/25

11

4813

X

7/25

11

4814

X

7/25

11

4815

X

7/25

11

4816

X

4817

Stockdick Midelason

7/25

4818

7/25

11

4819

7/25

11

4820

7/25

71

4821

Stockdick Midelason

7/25 -

4822

7/25 -

11

4823

7/25 Seg

11

4824

7/25

11

Starling, Midseason 7/25 Mid early (cont)		4825	4825 6 Row plot
7/25	11	4826	X
7/25	11	4827	X
7/25	11	4828	X
7/25	11	4829	X
7/25	11	4830	X
	11	4831	X
7/25 Seq	11	4832	X

4833

X

Stockdick midcacon
7/25-

4834

X

7/25-Seg

11

4835

X

7/25 Seg

11

4836

X

late

11

4837

X

Stockdick Fortuna type
seg

4838

X

seg

11

4839

X

8/2

11

4840

80

Stockdick 7/21 - 8/1	Fortuna Type		4841	X
8/3	"		4842	X
8/3	"		4843	X
7/19	7/30	"	4844	X
7/21	8/2	"	4845	X
		"	4846	X
7/26	-	"	4847	X
7/25	8/3	"	4848	X

4849

Stockdike Fortuna Type

X

7/21 - 8/1
Extremely tall on 7/20, long leaves good enough to water

4850

7/23

"

/

4851

7/24 -

"

X

4852

7/27

"

Y

4853

7/28

"

X

late row
v. late

4854

7/21 - 8/1

"

X

4855

7/26 - 8/5

"

Y

4856

7/20 - 7/31
one of earliest

"

X

Stockdisk Fortuna Type
8/1

4857

8/4 "

4858

8/3 "

4859

4860

Stockdisk Fortuna Type
- 8/3

4861

6 Nov 61
~~12~~

"

4862

8/5 "

4863

7/21 - 8/1 "

4864

4865 Stockdick fortuna type

7/26

4866

7/26

"

4867

7/26

"

4868

7/27

"

4869

7/26

- 8/6

"

4870

7/25

- 8/4

"

taller & later than some

4871

7/21

- 8/1

"

4872

7/20

- 8/1

"

	Stockelick 7/21 8/3	Fortuna type	4873	X
	7/27 egg	"	4874	X
714	B45 44A1-B-1, P-76 8/5	"	4875	X
716	8/4	(Very short tube)	4876	X
717	8/2		4877	X
✓	8/3		4878	X
✓	8/4		4879	X
8			4880	X

4881

8/2

very bad for
HO.

X

B4544A1-1-1

R-7689X 8975

5718

4882

8/3

X

~~V. short stream~~
~~badly damaged~~V. short stream
badly damaged

✓

4883

8/3

X

~~V. short stream~~
~~badly damaged~~

5734

4884

8/4

much like B/BX

X

✓

4885

un 8/4

X

5728

4886

un 8/4

X

✓

4887

8/3

X

5736

4888

8/3

X

✓

B4544A1-2-1, R-7689X8975

736

8/3

4889

X

-

8/3

4890

X

B4544A1-2-3-1

R-7689XRN

738

8/3

4891

X

-

8/3

4892

X

-

4893

X

739

8/2

4894

X

-

8/1

4895

X

A1-10

806

8/3

4896

X

underson, that show, fish good

4897	B4544A1-10 8/3	R-7689 X RN	5806
------	-------------------	-------------	------

4898	8/4	A1-11	5810
------	-----	-------	------

4899	8/3	Very difficult to thresh	5814
------	-----	--------------------------	------

4900			69
------	--	--	----

4901	8/3		5814
------	-----	--	------

4902	8/3		5816
------	-----	--	------

4903	was saved in 1950 watch		5822
------	-------------------------	--	------

4904			
------	--	--	--

A1-12

4905

✓

4906

X

4907

X

4908

X

4909

X

A1-16

4910

X

4911

✓

late, looks very good
grain a little full

4912

✓

4913

B4544A1-16

R-7629xRN

5832

X

4914

8/4

X

4915

5835

X

4916

X

4917

5833

X

4918

7/31

A1-19

5830

X

4919

X

4920

7/

✓

842 7/30 -

4921

X

- 7/28 -

4922

X

846

A1-20

4923

X

849

4924

X

850

v. late

4925

X

late
grain a little short,

4926

X

4927

X

852

A1-21

4928

X

watch
a very good v. late type in 1950

88
4929

B4544A1-21

R-7689 x RN

5854

X
4930

5855

A1-22

4931

5857

4932

4933

Indian Patna type in 1950

5858

X
4934

6/1

5860

4935

6/2

X
4936

8/4

5863

867	A1-23	4937	X
869 8/4	A1-26	4938	X
871 8/4 which was for sale and in 1950		4939	X
80		4940	
871 8/3		4941	X
876 8/3		4942	X
✓ 8/3		4943	X
878		4944	✓

4945

B4544A1-26

R-7689 x RN

5878

Saved 6 yards, most are
from later than cent, shal, v sturdy
straw

X

4946

5879

X

4947

✓

X

4948

5880

X

4949

A1-27

5881

X

late

4950

✓

X

late

4951

(1. good in 1950 straw)

5882

6 Row

X

late
earlier than 4950

Have very short sturdy, Prokame as 51-110
even straw, good sh. of light
upright flags, no C.O

4952

✓

X

late

887

4953

X

✓

4954

X

890

A1-29

4955

X

893

4956

X

894

8/3

A1-30

4957

X

✓

8/2

4958

X

897

8/3

too tall early

4959

X

129

4960

X

38
4961

B4544A1-34

R-7689 x RN
5901

X late

4962

X late

5902

4963

late

5904

4964

v. late

5906

X l

4965

X

growth habit of 57-110 best ✓
much taller? almost a
med-gran. ^{to 1950}

4966

✓

4967

6 row
part

check for uni-
of grain type

(7 his family was Indian father to 1950)
Some exp for grain type
3 row 1 uni (looked v good on 10/9)
RN not quite v. green
plot stable

5908

4968

X

✓

5910 4969

5912 8453/A2-9/ TP49 X RN 4970

X

5916 4971

X

5918 4972

X

5919 4973

like looks much
like TP49, fairly tall

X

5924 4974

X

5926 4975

X

5926 A2-3 4976

X

X 4977 B453/A 2-3 TP49 X RN
no C.O. v green vegetation 598
late
Has very short stem v. slender
prob 8-10 inches shorter than Rex thick

4978 598
X

4979 A2-13 RN mat, v. unv.
no C.O. short stem, Watch 594
gold fronds
almost a Rex gram

4980 131
X

4981 A2-92 5944
X
like Rex

4982 V. like Rex
V. like Rex

4983 like TP49 but a Rex gram 594
too like TP49 no C.O.
v. good

4984 595
X

5950	latter, base & short stem + P 49 growth drooping flag, earlier than T P 49 (probably), good grain type, early fair grain yield	4985	X
5952		4986	late X
✓		4987	X
5956		4988	X
5957		4989	X
5958		4990	X
5964	all are late, much alike 4992 prob the best	4991	X
✓	Excellent Rex grain type, clean straw, no C.O., shorter straw than T P 49 and Rexon.	4992	6 Row pl late

4993	B453/A 2-92	TP49 x RN	5966
------	-------------	-----------	------

4994			✓
------	--	--	---

4995			5968
------	--	--	------

4996			5969
------	--	--	------

4997	^{A2-95} gold hulls, excellent midstream BBT type		5972
------	---	--	------

4998			5973
------	--	--	------

4999	(grain too long)		✓
------	------------------	--	---

5000			140
------	--	--	-----

A2-18

5001

X

A2-20

5002

X

5003

X

5004

X

5005

X

5006

X

5007

X

5008

X

are all essentially the same
BBT mat, gold, Per grain, short straw
fairly green straw,

88
5009

B453/A2-20

TP49X RN

5992

5010

5993

5011

5012

A2-24

5995

5013

5997

5014

5015

A2-93

Early

6010

5016

6011

late

010

5017

late

✓ X

011

5018

late

✓

much later than Rex,
short sturdy straw, v good
veg. growth

5019

+

012

5020

✓

013

5021

✓

014

5022

like 5019

X

015

5023

X

016

5024

X

5025

B453/A2-93

TP49X RN
6017

X

5026

6031

X

5027

A2-25

602

X

5028

602

V

5029

V

X

5030

603

X

5031

V

X

5032

A2-27

603

V

6036

5033

X

✓

5034

X

6046

A2-44

5035

X

6054

A2-45

5036

X

✓

5037

X

6070

A2-94

5038

X

✓

5039

X

47 7/25

5040

✓

5041

B453/A2-68

TP49x RN

6072

X

5042

X

5043

A2-77

6086

X

5044

✓

5045

6081

✓

A2-95

5046

609

X

5047

B4520A1-41

6091

X

5048

X

093	late	v. short straw, Ry. nT cornet, no C.O., almost a Ry. grain no heads, one of the best lates from field appearance A1-42	5049	6-Row
098			5050	✓
099			5051	X
			5052	X
102			5053	X
			5054	X
103	late	no heads, good Ry. grain type.	5055	X
104			5056	X

5057

B4520A1-42

TP49 x RM

6104

X

5058

6105

X

5059

✓

X

5060

71

X

5061

6106

X

5062

mid

✓

X

V. uni, v short show - good grain

5063

A1-43

6108

X

5064

✓

X

109

5065

X

✓

5066

X

110

A1-26

5067

X

111

5068

X

113

5069

X

115

A1-27

5070

X

121

A1-34

5071

X

✓

5072

X

5073

B4520 A1-40
C.O.

TP49 x RN

612

X

5074

Just no
water than
shorter than

X

5075

B4531 A2-34

"

612

X

5076

B4529 A1-20

TP49 x (TP x R-7689)

6129

X

5077

X

5078

A1-23

"

613

X

5079

B4534 A1-20
8/1

R-7689 x (TP x R-7689)

6132

X

5080

129

133	B4534A1-20	R-7689 X4PX R-7689)	5081	X
135	8/1		5082	X
			5083	X
	7/21		5084	X
138	7/28		5085	X
	7/28	early, V slot stream	5086	X
	7/28		5087	X
143	8/3	A1-27	5088	X

5089

B4534A1-27
8/3

R-7689 (R-7689)
6143

X

5090

A1-58

6149

X

5091

X

5092

8/1 -

A1-42

6147

X

5093

8/3 -

✓

X

5094

A1-58

6149

X

late, exceptionally long
gran. Indian panicle type, open
(very long)

5095

X

5096

X

✓

151
5097

X

5098

X

457
5099

X

1
5100454
5101

X

5102

X

5103

X

158
5104

X

5105

B4534A1-58

R-7689x(GPxR-7689)

8/3

6158

X Rather difficult to through, slant stone
good ~~stone~~ texture of bed folds.

5106

6166

X

5107

✓

X

5108

6177

X

5109

6176

X

5110

6177

X

5111

6177

✓

5112

6177

入

681 7/27

5113

x

✓ 7/27

5114

x

683 7/27

5115

x

685

5116

x

686

5117

x

687

Presumably later than Bbst, 5118
 ✓ short stem, long hds,
 heavy good grain type watch

↑

689

5119

↑

690

5120

x

5 5121

X

B4534A1-58

R-7689 X TPxR-7689
6191

5 5122

X

6192

5 5123

X

6197

5 5124

X

B454/A1-49

R7689 X TP49
6208

5 5125

6 Row

X

Sanadacit extremely long hds long
Vslendy grain, short stem
Is there a place for any of this type

A1-11

shale but only 150

"

5 5126

X

6216

5 5127

X

later than BBT
short & sturdy stem
large culms, gran to full

A1-13

5 5128

X

6215

6215

A1-13

5129

✓

6217

5130

X

✓

5131

X

6218

A1-14

5132

X

6222

A1-17

5133

X

6223

5134

X

6225

A1-20

5135

✓

✓

5136

X

5137

B454/A1-21

R7689XTP49

6226

X

5138

A1-26

6231

✓

5139

A1-27

6233

✓

5140

142

X

5141

6233

X

5142

6231

X

5143

6233

X

5144

A1-35

6241

X

B454/A1-35

248 ✓ Short stem, late
 ✓ good Rex grain type
 watch

5145

X

A1-39

252

5146

X

A1-40

254

5147

X

5148

X

B3313B47-3

R-7689

383

5149

X

5150

X

B46-2066

386 Tally, unusually long heads,
 clean, green stem, no C. O.
 may be seed on poor land.

5151

6-Round
 X Plot

5152

X

5153

B46-2054-8-1-3

Rx7689
639

5154

5155

639

5156

5157

639

5158

5159

639

5160

7/25 - 8/4

4

B46-2053

Rx7689

405

5161

408

5162

5163

409

5164

5165

413

5166

411

5167

5168

5169

B49-552-2

Rx7689 mgm
6653

5170

✓

5171

6652

5172

✓

5173

an 2nd. Pattern type in 1950

6651

5174

✓

5175

666

5176

666

664

5177

667

5178

✓

5179

71

5180

B4527A1-47
6677

TP49 x Rexoro

5181

✓

5182

6678

5183

✓

5184

5185

B46-2053-15-3-1

R-7689 Rye
668

leaf blotch

5186

leaf blotch

5187

High Mix 9-44-48

TPR, Long 2
644V. tall, V large grain; late
no value

5188

6412

5189

High Mix 10-47

6414

5190

5191

B343 B47-18

N x K

5192

6415

424

late

5193

^

428

mid

5194

x

✓

5195

x

429

5196

^

431

5197

^

432

5198

^

✓

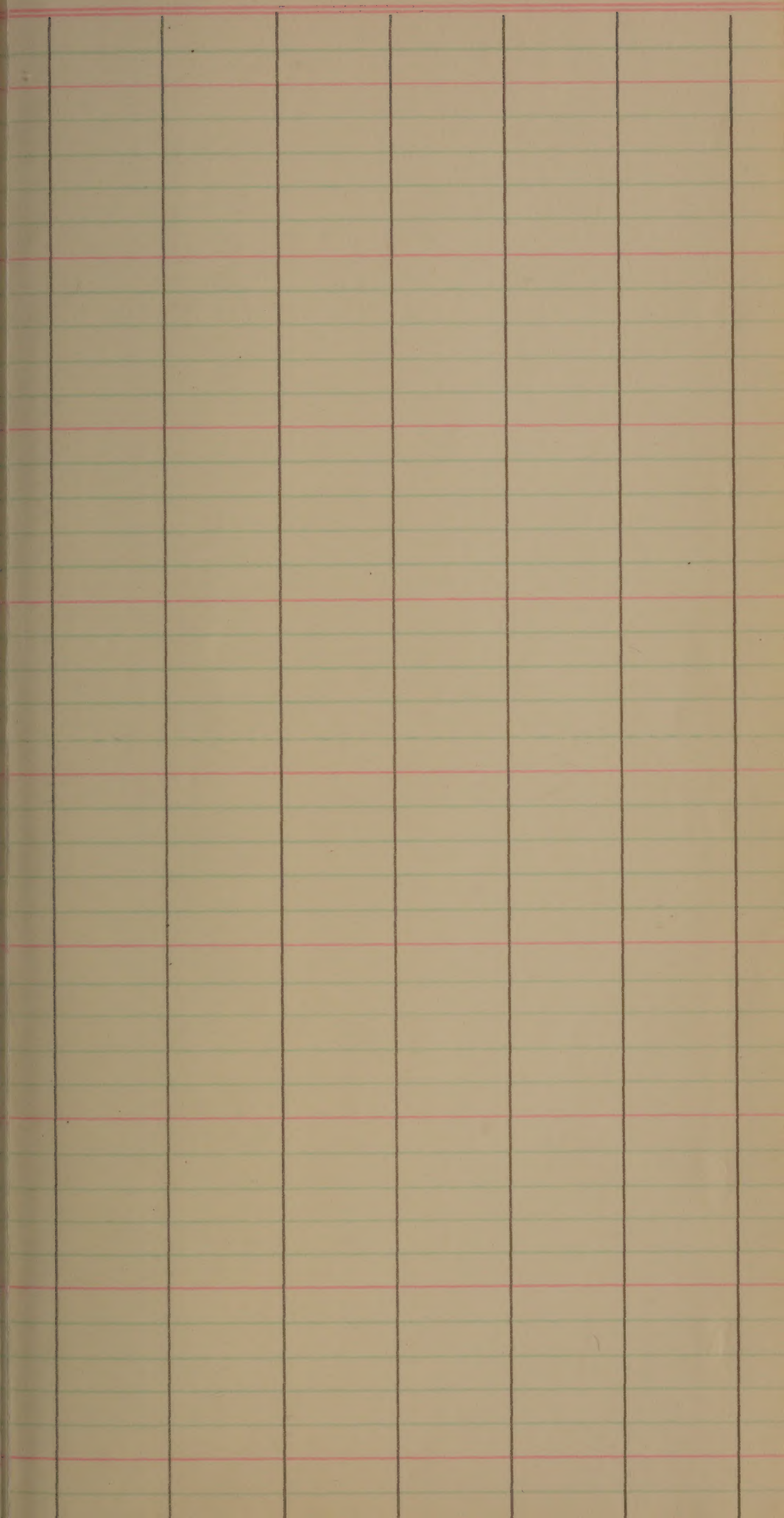
✓

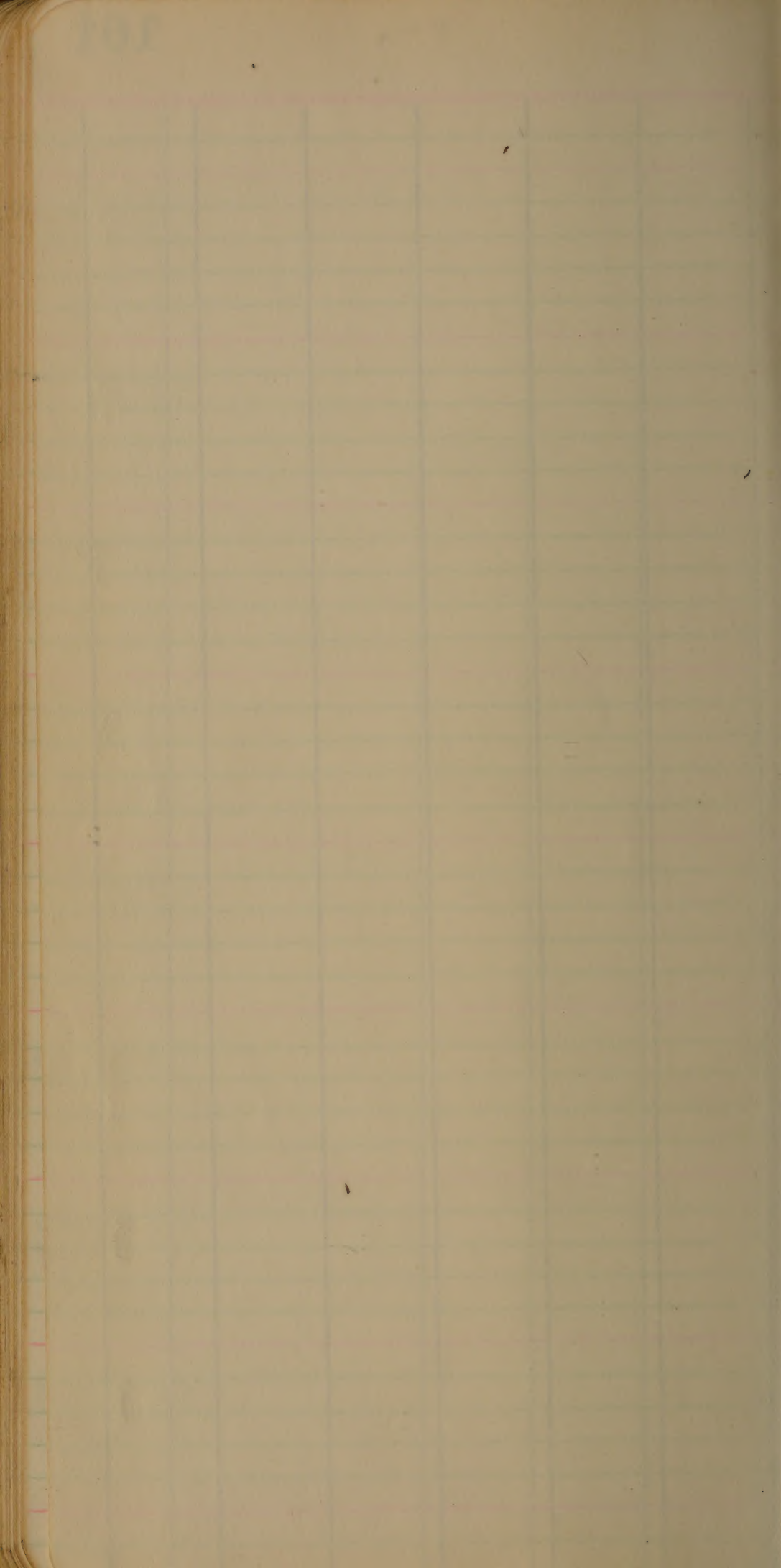
5199

x

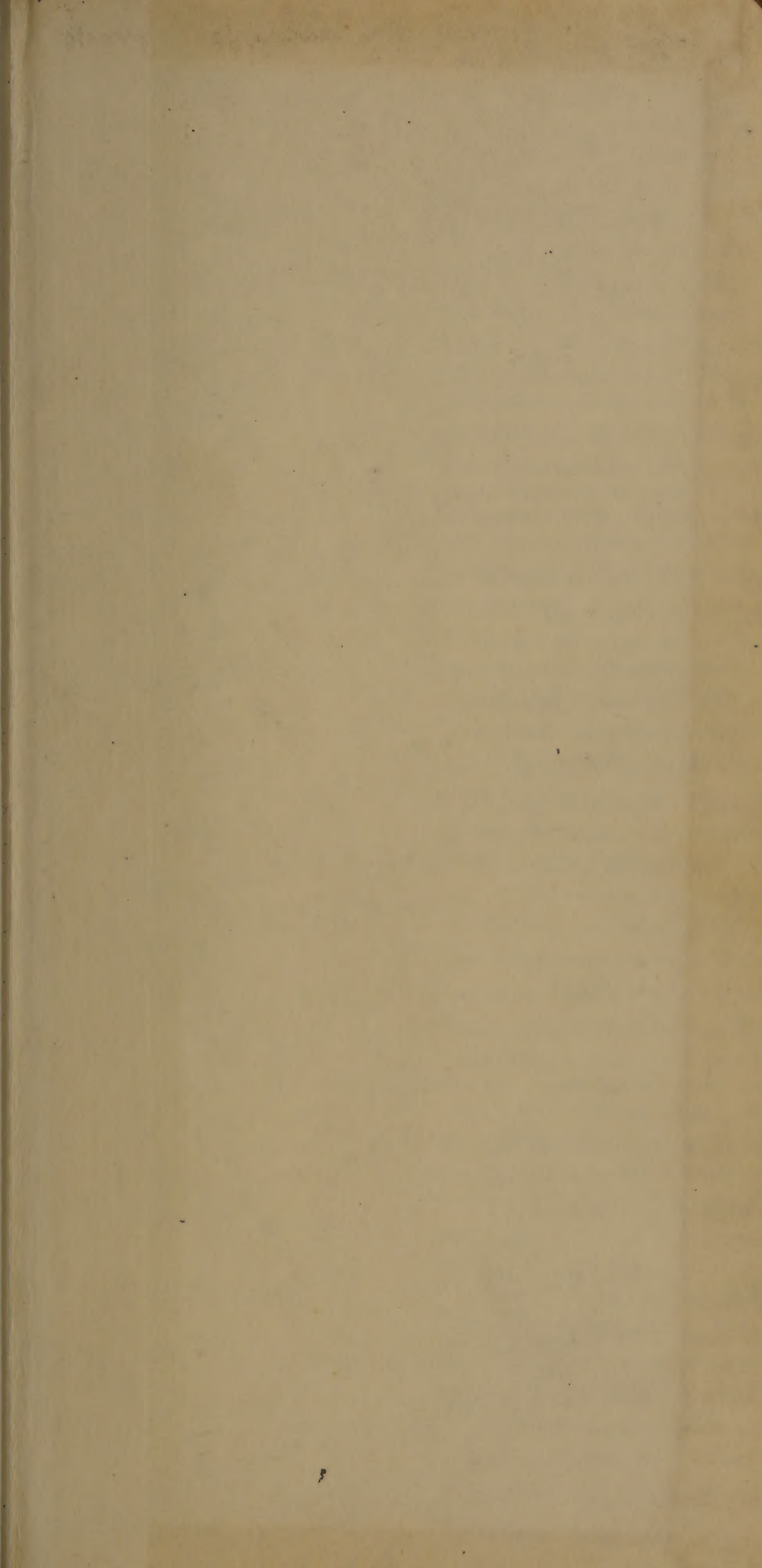
29

5200





3696 - Saved paricles for Jenks
a smooth gap type plant



5425 & 26 highly S to N. O
test in greenhouse

5445 clean for H.O.

5425 through 5511 are mostly
very bad for H.O.

5815 et al are one of best for
crossing

O.K. 5967. may be good for G.
starting to bud

6061 an early resistant one,

2840 x 2561
2563
2565
2569

For Crossing

5743

5973

5777

5805

5807

5809

5965

5967

5460

5335 et al, are very
long and turned rows

EXPLANATIONS OF HEADINGS AND ABBREVIATIONS OF TERMS USED.

- SIZE OF PLOT.**—Decimal fractions of an acre, as 0.1, 0.025, or, in the case of nursery rows, length in feet.
- RATE OF SEEDING.**—In pecks per acre.
- DATES.**—In figures, as 9/15 (=Sept. 15).
- STAND.**—In thousands of plants per acre wherever possible; otherwise in percentages.
- SPRING SURVIVAL.**—Given in percentages based on number of plants per acre surviving the winter as compared with stand the previous fall.
- MANNER OF GROWTH.**—e.=erect; sp.=spreading (of value in distinguishing spring and winter grains).
- HEIGHT.**—Given in inches; in the case of bearded varieties, measure to tip of heads, not to tip of beards.
- INFECTION:**
- Smut and bunt.*—Notes taken at time of ripening. State percentage of infected heads. For example, if 10 heads out of 100 are smutted, the infection is 10 percent.
- Leaf rust.*—Taken at time of full heading; state the proportion of infected surface in accordance with the accompanying scale.
- Stem rust.*—Taken at time of ripening; express in percentages as for leaf rust.
- LODGING.**—Given in percentages of plants lodged at time of ripening.
- SHATTERING.**—Given in percentages of shattered grain when fully ripe.
- YIELD:**
- Total weight of crop.*—Weight of total crop from plot both grain and straw, in grams, ounces, or pounds.
- Grain per plot.*—Grams, ounces, or pounds of threshed grain.
- Straw per plot.*—Difference between two preceding weights.
- YIELD PER ACRE.**—Calculated from plot yield, in bushels of legal weight; wheat, 60 pounds; oats, 32 pounds; barley, 48 pounds; rye, 56 pounds; emmer and spelt, 32 pounds; flax, 56 pounds; proso, 56 pounds; buckwheat, 48 pounds; rice, 45 pounds.
- WEIGHT PER BUSHEL.**—Actual weight as determined by the grain tester.

GENERAL DATA

In case of the series of row or plot tests it is desirable to have all the constant conditions recorded for future reference. For these data the pages following may be used. The sample page shows the manner in which the general notes may be entered. In case several sets of experiments are recorded in a single book the conditions governing each may be given, the heading at the top of the page showing to which particular test the notes refer. The blank pages may be used for additional data, particularly to record the high, low, and mean temperatures, the rainfall, and the number of clear days for each month covered by the experiment.

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location.....Field H.
Size.....1/20 acre.

SOIL

Kind.....Prairie loam.
Position.....Somewhat rolling.
Previous crop.....Corn.

NAME AND CONDITION OF MACHINERY

Plow.....
Disk.....Osborn.....Sharp.
Harrow.....U Bar.....Good.
Seeder.....Monitor.....Good.

SEED

Variety.....Variable.
Weight per bushel.....Variable.
Source.....Variable.
Treatment.....Fanned clean and treated for smut.

SEED BED

Preparation :

1. Disked (lapped half).....4-6-'08.
2. Disked (lapped half).....4-10-'08.
3. Harrowed.....4-10-'08.
4. Harrowed.....4-27-'08.
5. Seeded.....4-27-'08.
6. Harrowed.....4-27-'08.

SEEDING

Manner.....Drilled.
Date.....4-27-'08.
Rate.....3 bushels per acre by weight.

4 bbls N.R. Block
16 acres 240 bbls Id,

2480 acres Reg

15

2400

480

7,200

Reg

15,000

cut.

15

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____
Size_____

SOIL

Kind_____
Position_____
Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____
Disk_____
Harrow_____
Seeder_____

SEED

Variety_____
Weight per bushel_____
Source_____
Treatment_____

SEED BED

Preparation :

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____
Date_____
Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

5201

B343B49-2

N x K

6435

5202

5203

-3

6436

5204

5205

-4

6437

5206

5207

-5

Typical gap strain in 1950 slender grain 6438

5208

8/2 -

438

5209

X

B 343 B49-7

441

5210

X

444

-10

5211

X

✓

5212

X

445

-11

5213

X

B49-508 Ca x R

452

3412 B 49-

5214

X

454

5215

X

B49-515

456

3

Ca x R

5216

X

5217

849-515

Ca x R

645

X

5218

8/3 —

✓

X

5219

Ca x R

6458

X

5220

13/

X

5221

6458

X

5222

6460

X

5223

646

X

5224

✓

X

6462

5225

X

6463

5226

X

✓

5227

X

✓

5228

X

6464

5229

X

B3412B47-2

C7XR

6465

5230

X

✓

5231

X

Jap. steam-type, late
Cross with Century etc

6468

5232

X

5233

B3412 B47-2

CA x R

6469

X

5234

B3412 B43-22

6470

X

5235

X

✓

5236

erect panicle type
v. small seeded pop grain type
late

6473

X

5237

✓

✓

5238

midseason maturity
erect head, v. small seeded pop
cross with High Mex. Sel.

✓

✓

B3412 B41-1

5239

4505

X

5240

140

✓

4585

5241

X

5242

X

5243

X

B49-504

R x D

5244

X

late
flavored, better gran-
shape than ~~CI 8343~~

5245

X

5246

X

5247

X

B49-521

R x BIC

5248

L

all much alike

4481

4484

4855

5249 R x 81C 6485
rather short straw,
much tillering, rather large
stems, 2s sturdy,

5250 much like 81C but sturdier stems 6487
very large stems and almost a Rex gram
type. v. tall, late, cross with Ant. Rex etc
no C.O. Tillers profusely.

5251 6489
X

5252 B378/B47-4 R x 81C 6477

5253 2 semi dwarf types and ✓
X

5254 7/28 - - 10? 6477

5255 7/31 - ✓

5256 Rexoro off type

Redox 022 Type

5257

✓

B49-5824

~~Redox~~

5258

✓

5259

✓

5260

✓

B49-5825

..

5261

498 V late, no C. O., but
may be taller & later than Rex
V. good green type

✓

5262

✓

501 seg. mid & late
sand late

5263

✓

seg mid & late
mostly midseason

sand midseason

5264

✓

5265	B49-5833	Rever	6506
X			
5266			✓
X			
5267			6508
X			
5268			6590
X			
5269			—
X			
5270	B49-5834	"	6571
X	Warner & Gordon CO Restypes in 1950 Said an off type, v. tall, v. slender (grand needle size)		
5271	late		✓
X	v. good grain type		
5272	B49-5846	Rever (Found)	6501
X			

521						5273	x
522	<i>midwestern</i>					5274	x
524						5275	x
✓	<i>excellent Rex Type</i>					5276	x
	<i>late,</i>						
B49-5849					Revised (H.R. 10000)	5277	x
528							
						5278	x
530						5279	x
77/25	8/3					5280	x

5281

B49-5849

Revol (H) R. no. 6530

X
6 Row
plot

excellent Revolver type
lab, no C.O.

5282

B49-5869

"

6536

5283

too tall

5284

too tall
hard to reach

6444
6544

5285

B48-6401

"

6541

5286

B48-6418

5287

5288

✓

B 48-6418
6559

Rexoro

5289

X

V. good Rep
no C. D.
late.

5290

X

B 48-6424
6562

"

5291

X

5292

X

B 49-537

TPxR

5293

v. dark green color, narrow rolled leaves

"

5294

v. dark green color; narrow rolled leaves

B 50-6589

TPxR

5295

X

5296

5297	B50-6590	TPR	6590
------	----------	-----	------

5298	B43-280-1-3	T Petra	6596
------	-------------	---------	------

5299			6597
------	--	--	------

5300			71
------	--	--	----

5301			6598
------	--	--	------

5302			
------	--	--	--

5303			6599
------	--	--	------

5304			
------	--	--	--

599

5305

X

✓ may be a good correlation
T.P. type

5306

bron846-2069
6605

7 Patina

5307

X

✓

5308

X

6607 valdston in 1950

5309

X

✓ most uniform

5310

bron

6611

5311

✓

✓

5312

✓

5313

B46-2068

excellent C.O. resistant
TP type

T. Patina

6621

X

5314

R to C.O.

leaves are all green on 10/25 while
5315-17 leaves are all dead

8324849-2

RXS094

5315

↑

6626

X

5316

are to C.O.

X

5317

a very good TP type, possibly
shorter stem + greener stem.

6630

6-row

X

take ↓ S to C.O.

5318

-7

6631

X

5319

X

5320

late

129

632	-13	↑	5321	✓
633	-8		5322	✓
634	-9	late	5323	✓
635	-10		5324	✓
a very clean stranded, green stranded row, immune to C.O., very little H.D., <u>6 Row</u> gran is a little short late				
636	-11	late	5325	✓
B4030A3-21			5326	✓
637			5327	✓
B50-6366		pr stem TP49	5328	✓
366				

5329

B50-6366

Pristina TP49

6366

X

5330

X

✓

5331

B50-6372

TP49 (early)

6372

X

5332

2s prob. earlier than orig. 6373
and less common.

6373

X

5333

X

6374

5334

X

6375

5335

Century V. long Seaded
7/25 -
From Head. Rare

X

5336

7/28

Tetra

W. some
and some mounted.
appears
may be
with tetra
only.

X

Century V 7/25	Larax Seeded Broken Head Row	5337 X
7/22	11	5338 X
Century 7/29 -	Twin Seeds Broken Head Row	5339 X
31 A		5340 X
Century 7/28	Twin Seeds Broken Head Row	5341 X
7197	Crowley 50 - 7197	5342 X
Cross with Karang-serang		5343 A
847-4942 574	Karang-serang Smooth BP type sel, no G.O. possibly later than BK, taller, very green stem.	5344 X

small plants

5345 B47-4942 Karang serang 6704

X

5346 B47-4929-4 6704

X

5347 6704

X

5348 B47-5002-14 6707

X

5349 6708

X

5350 B47-4980-3
MIXED TWO HEADS IN ONE 6708

X

5351 mixed 6708

X

5352 NOT Mixed. 6708

X

709

5353

X

✓

5354

X

710

5355

X

✓

5356

X

711

5357

✓

✓

5358

✓

712

5359

✓

40

5360

2

5361

X

B47-4980-3

7/30

mid-brush

Karung-urang

6712

5362

V

mid

6713

5363

X

mid

V

5364

V

6714

5365

b-Pop

X

Is this grain large enough to be
of value as a specialty product?
late gold

V

5366

X

straw

6715

5367

X

straw

V

5368

X

gold

6717

717 *stream* *late* 5369

possibly shorter than gold hulled
lines, all have very large stems, sturdy

718 5370

X

5371

X

719 5372

X

5373

X

720 5374

X

5375

X

722 5376

X

5377

B47-4980-5

Karang-serang
6720

~~100~~
~~X~~

5378

6723

X

5379

6725

^

5380

142

X

5381

6725

V

5382

V

V

5383

B47-4976-1

"

6728

X

5384

V

X

722 5385

✓ 5386

734 5387

✓ 5388

738 B47-4963-14

Karang-arang

5389

✓ 5390

✓ 5391

741 -6 5392

likely grain is prob about
msa dimensions, unless
gold, brown

5393

B47-4963-6

Karang-serang
6741

X

5394

X

5395

B47-4962-14

full headed

6740

5396

X

5397

B47-4954-1

X

6745

5398

6750

X

5399

-6

6755

X

5400

7/25 - 8/5

47

X

757

5401

Is a very tall row,
late

x

761

B47-4950-9

5402

V. late, Is about full on 10/25

The latest seed in breeding
microform aside from Zayra Bayan
same earliest seeds.

x

763

5403

x

✓

a bearded smooth much
like original, grain about as
long may be sl. more slender.

5404

-x

766

B454/A1-6

P-7689 X TP49

5405

x

769

indurason, V. uniform
high growth, good grain type

5406

x

✓

5407

x

771

5408

x

5409

B454/A1-41

R-7689 x TP 49

6775

x

5410

✓

✓

5411

6777

x

5412

✓

✓

5413

A1-43

6779

x

5414

✓

x

5415

8/3 —

6780

x

5416

✓

x

794					5417	✓
					5418	✓
259	B4545A1-9	7P x Hill	Med		5419	6Row
	a smooth med gr type late, excellent texture no C.O., fairly tall, sturdy type					✓
71					5420	✓
259					5421	✓
	Prob mixins between Min & TB				5422	✓
	short stem, v good long st grain					✓
	strong hulls, big yield, may be seg					✓
	moderate, ✓ good					✓
266					5423	✓
	like 5419				5424	✓

5425

B4545A2-1

TP x Hill Med

6269

Very bad for H.O

x

5426

v. bad for H.O

x

5427

Saved a lat gold royle,
2s C.O. resistant, no air, no,
and Rex nTP49 met, U. good
Saved 2 hrs. Watch.

6270

x

5428

x

5429

x

6271

5430

v. bad for H.O

6272

x

5431

bad for H.O

T

5432

bad for H.O.

6280

y

6282

5433

X

283

5434

X

✓ midseason, v short stem, Univ.
clean for SD,

5435

X

B4545A2-3
286 pure, bud for HQ
7/27

5436

X

✓ 7/27

5437

✓

288 late, excellent short stemmed
Rex type, at least 6 inches shorter than
adjacent 7/8 Rex plot) standard skin

5438

6-Rm

5439

X

29

5440

✓

5441

X

B4545A2-1.

TPxH.11 Mod

6271

5442

X

bad for HD.

✓

5443

✓

✓

5444

✓

6274

5445

X

Highly R to HD. Has C.O,
prob undecorin

✓

5446

X

V. short stem, V. green stem 6275
prob mis met or later,

5447

✓

✓

5448

X

627

6277

5449

X

6278

5450

X

6279

5451

X

6280

5452

X

6282

5453

X

6284

midseason
possible source of V. sturdis
strong, a little short for a
Reg grain type

5454

X

B4545A2-3-1-1-1

6285

5455

X

6286 7/25

A2-3-1-2-1
early mat.
good

5456

X

5457

B4545A2-3-1-2-2

TPx Hill Med

7/25 -

6286

X

A2-3-1-3-1

5458

7/30

6287

V

A2-3-2-1-1

5459

The outstanding ^{send} ~~leaf~~ observed to date 6288
Prob 15" shorter than Rex check
and as much ^{more} ~~advance~~ advance. Has lost 5 nodes

6-Ron
also used
Hdo.

5460

131

V

5461

appears to be ⁻² taller than 5459 6288

1/6x

5462

A2-3-2-2-1

6289

1/6x

5463

A2-3-3-3-1

6290

1/6x

5464

-2

V

1/6x

Harvested and bulked,
labeled 5464 at gl
in bud. Plot text, later
V-bud stream, TP group
and 6291

270 A2-3-2-3-3

5465

~~Ar~~

271 A2-3-2-4-1

5466

~~W~~

-2

5467

~~H~~

✓

272 A2-4

5468

✓

273 8/3

5469

✓

274 8/3

5470

X

276 8/1 A2-11

5471

X

278 A2-12

5472

X

5473

B4545A2-17

TP x Hill Med
630

X

late
V. tall exalted T₁ grain type
no c, d, Has 9-10 nodes as compared
with (5-6) for A2-3 family, and
8-9 for Rexoro, 10+11 for TP49

5474

↓

5475

6306

X

5476

8/3

630

the apparent number of nodes is
less in the short than in A2-3 lines, only short
sample was found to have 12 nodes including
nodes in crown. Apparently the
number of nodes is much the same in all.

5477

A2-18

6306

5478

A1-3

6786

5479

B4540A 1-3

R-7689 x Hill Med
6311

V. short straw, green straw,
V. good grain type, long, sl TP type

5480

140

6-Row

311

5481

x

312

5482

x

B4552A1-18

TP x R#7689

314

fate row, good grain type
chem for HO

5483

6-Rm

v

5484

late

x

315

5485

mud

x

5486

v

318

A1-19

5487

x

324

A1-20

5488

x

5489

B4552A1-23

TPx R-1689

632

X

5490

632

X

5491

✓

X

note

A1-12

5492

6789

X

5493

✓

X

5494

6790

X

5495

✓

X

5496

6791

X

792

5497

X

A1-15

797

Hardly a tall at T.P.
no C.O. v. green shown
an Walnut TP grain

5498

X

✓

5499

X

42

5500

X

801

5501

X

✓

5502

X

802

5503

late no C.O.
grain a little short

X

✓

5504

X

5505

gold hulls, late

6802

6 row
plotshorter than 5504
Both have a grain a little too short

5506

6804

x

5507

x

5508

6805

x

5509

x

5510

6801

x

5511

6 row
plot

late straw hulls

✓

5512

7/21 - 7/30

6808

a smooth mid-gr type,
v. short sturdy straw

x

808 7/21 7/20
like 5512

5513

X

84527A1-1-2
333

7P49V/Reco

5514

X

5515

X

335

A1-8

5516

X

338

A1-11

5517

X

341

5518

X

A1-20

5519

X

47

7/22 8/22

5520

X

5521

B4527A1-20

TP49 x Rexoro
634

5522

6342

5523

✓

5524

brown
plot

A1-48

Shorter stream than TP49 or 6347
Rexoro, good Rex grain, & deep
watch.

5525

6340

5526

6357

5527

✓

5528

635

352

5529

353

5530

-

5531

356

A1-27

5532

lite, trace C. B, gran
fuller than Rex, but good brown
plot

5533

357

5534

-

5535

358

5536

← all much alike, are
about Rex mat, about green
stems, trace C.O, but not nearly as
bad as Rex, look very good on 10/15/54

5537

B4527A1-27

7P49xRexord

6358

X

5538

UNKNOWN

✓

5539

//

X

5540

71

✓

5541

UNKNOWN

X

5542

//

✓

5543

//

✓

5544

//

X

UNKNOWN

5545

B438A-104 Hall Cr

5546

5547

8/3 - BR mat
mostly rough, sand
only smooth, was easily threaded

5548

5549

5550

5551

5552

All are hard to thread

5553

B438A1-104 null cr
7/27-

6822

✓

5554

✓

✓

5555

+

6823

5556

X

BR type sand
Seg long med - gr

✓

5557

X

✓

5558

X

✓

5559

X

6824

5560

X

129

B 438A1-104, net cr.

5561

X

5562

X

5563

X

5564

X

5565

X

H O - 74, TP 49 X B 3812A

5566

X

"

"

5567

highly R to H O on 8/3

X

B 3812A Parent

"

5568

Highly R to H O on 8/3
taller & wider leaves than 5567

X

5569

T 958

7284

5570

T 958

✓

5571

T 902

7285

5572

T 903

✓

5573

T 909

7286

5574

5575

5576

T 910

7288

(are very web. very late / slender)
gran. type, should cross
with dom. long sh. of types

288	T 910					5577	✓
289	T 911 7/31 S + to HO					5578	X
✓	S + to HO 7/31					5579	X
131						5580	✓
290	T 912					5581	✓
✓						5582	✓
291	T 913 7/25 V. tall	8/2				5583	✓
✓	7/25 V. tall	8/2				5584	✓

5585	T918	are very late and very tall (over 6 ft) much later than are much like cut 4700 but possibly a little better (seed-grain)	7592
5586			✓
5587	T947	v. early 1 late 2 early plants	7593
5588		v. early 1 plant in row	✓
5589		no plants	✓
5590	T1034 Rogue 8/2		6837
5591	8/3		✓
5592	T1034, SPI-160, 468 8/2		6812

812	T1034, SPI-160, 468		5593	
				✓
838	T-1438 7/26 8/5		5594	
				✓
—	7/26 8/5		5595	
				✓
812	T-1438 7/26 - 8/5		5596	
				✓
—	7/26 8/5		5597	
				✓
814	T1438 Unit 8/3		5598	
				✓
—	Unit 8/3		5599	
				✓
40			5600	
				✓

Order for the 5593
et al, much more serious.

5601

X

T-1462

1 Purple Jap, large for pe

1294

5602

X

Purple Jap

✓

5603

X

purple Jap

✓

5604

X

T-1539

6842

5605

X

✓

5606

X

T-1539

6815

5607

X

✓

5608

X

✓

T-1540

841

5609

Tail up, compact head,
smooth,

5610

T-1540

846

5611

5612

5613

T-1550

845

5614

may be Jostina

5615

T-1570

846

5616

5617

T-1570

7296

5618

no Tag (T no)

6843

5619

"

✓

5620

142

5621

"

687

5622

"

✓

5623

Long grain Rice

7297

5624

✓

C.I. 5094

5625

"Taller than
 anticipated for
 C.I. 5094 based on
 1931-35 observations

5626

C.I. 5368

5627

dkr

5628

C.I. 5368

5629

dkr

5630

CENT. MED. CR. GRADED FROM
 234 HEDD. ROW BLOCK

5631

11

5632

Every other row in disease nursery
sown to Revora (from field plot seed, 1950)

Field 6H
49 50 1951 49 51

5633

CENT. Med. GR. Graded FROM
334 HEAD. Row Block

5634

11

5635

11

5636

11

Start of disease nursery

5637

H03-1-1-1, TP49 x B3812A
1 - 1 1 5 6844-1
1-3
R

X

ML

5638

4

R

5639

H03-1-2-1,
b 0-1 - 6845-1

A

5640

4

Rev

		Field	Greenhouse	
		49 '50	1951	49 '51
845-2	H0-3-1-2-2,	TP49 X	B3812.7	-5641
	L	1-2		
	Bright R to H0, an excellent Per type, no C.O. much shorter than than Per,			X
Ref		4		5642
	10-3-2-1-1 ₃		"	
47-1	M	1 2 1-2 by 2	5	5643
2		R		X
Ref		4		5644
	-2	M	-2 ₃ 1 2 2 2	5645
			1-2 R	X
Ref		4		5646
	H0-10-1-1-1,			
49-1 1/2		1 3 2-3 ✓	0	15647
5	small spots but rather numerous			X
Ref		4		5648

	Field	GH
5649	49 50 1951 HO-12-1-1-1, TP49 x B3812A 7/31-E 1 - 2	49 51 2 5 6850
X	<u>S</u>	

5650	4	R
------	---	---

5651	HO-18-1-1-1, L 1 2 1-2 3 3 6851	
X and long rod patent	an excellent quality, slender grain, shorter stems than R rough, stems hollow, sturdy, etc.	

5652	4	R
------	---	---

5653	HO-18-2-1-1, X 1 1 1-2 2-3 <u>S</u>	2 4 6852 1/R
X		

5654	4	R
------	---	---

5655	HO-21-1-1-1, M 1 2 1-2 3+ <u>S</u>	1 7 6854-1 2/R
X	large spots	

5656	4	R
------	---	---

	Field 49 50 1951	GH 49 51
HO-35-1-1-1, 6863-1	1 2 1 <u>5</u>	1 4 5657 X

R	4	5658
---	---	------

-2 8/5 -2, -1 2 1 <u>5</u>	1 2 5659 X
----------------------------------	---------------

R	4	5660
---	---	------

HO-36-1-1-1, 6864-1 8/3 E	-1 2 2 <u>5</u>	1 3 5661 X
---------------------------------	--------------------	---------------

R	4	5662
---	---	------

-2 8/4 E	-2, 1 2 2-3	1 5 5663 X
-------------	----------------	---------------

R	4	5664
---	---	------

Field

GH

49 50

1951

49 51

HO-36-7-1-1, TP49x B3812A

5665

Seg E+L

3-4 2

4

2

Seg

6867-1

largespot

X

5666

4

R

5667

HO-36-9-1-1,

W

3-4 5

4

2

5

6869-1

X

5668

4

R

5669

HO-37-1-1-1,

E (Seg 1 1

1-2

-

5

6870-1

X

5670

4

R

5671

HO-37-2-1-1,

Seg 1 0-1 1

2

3

6871-1

X

5672

4

R

			Field	GH	
			49. 50 1951	49-51	
HO-44-2-1-1,					
874-1	8/5--	1	1-2 1-3?	1-3 5	5673
	M-E		$\frac{3}{R}$		X
R			4		5674

HO-45-1-1-1,					
876-1	8/8	3	2 2-1	2 2	5675
	M-E		3 (small spots)		X
(No 45 has small spots in 1950) Good grain and plant type in 1950					
R			4		5676

HO-45-1-2-1,					
877-1	M	1	2 1	2 3	5677
			$\frac{2}{MR}$		X
R			4		5678

HO-49-1-2-1,					
879-1	M	4	3 4	8 5	5679
			large spots.		X
R			4		5680

	Field	GH		
	49 50 1951	49 51		
5681	HO-49-2-1-1, TP49 x 83812A			
X	1 1 2 1 4			6881-1
5682				R
5683				
X	1 0-1 ⁻² 2	1 3		-2
5684				R
5685	HO-51-3-1-1, 8/9 M-E 1 1-2 1-2	1 3		6883-1
X	v. long, semi drooping leaves, good. (v. good green stemmed BBT in (M 1950))			
5686				R
5687				
X	1 1-2 ⁻² 2	1 2		-2
	like 5685 small spots all all HO-51 lines			
5688				R

		Field	GH	
		49 50 1951	49 51	
	HO-51-3-1-3,			
6883-3 ⁹ / ₈	1 1-2 1	1 3	5689	X
1				
R		4	5690	
	HO-55-3-1-1,			
6887-1 M-W	1 1 0-1	2 4	5691	X
1				
	short straw may be of value in crossing program V. short straw (semi dwarf)			
R		4	5692	
	HO-55-4-1-1,			
6890-1 L	1 1 1	1 2	5693	X
1				
	may be some seg for R resistance			
R		4	5694	
	HO-60-1-1-1,			
6891 L	0 0-1+2	1 3	5695	X
1				
	1/2 k, highly R to H.O., and no C.O. on 10/19, Seg grain length			
R		4	5696	

	Field	GH	
5697	49 50 1951 HO-71-2-1-1, TP49 x B3812A M-h Seg 0-1 0-1 1 Very short stem	49 51 1 36897-1	
5698	4		R
5699	HO-71-7-1-1, 8/9 seg 2-3 2 2	1 36899-1 2	
5700	4		R
5701	HO-91-2-1-1, 2-3 3 3 much like TP49 like 5703	2 46902-1 3	
5702	4		R
5703	-2, 1-1-1 2-3 3 2-3 2 3 -2 growing in field tests in 1952 along side TP49 much like TP49 but may be more H.D. resistance		
5704	4		R

looked much like TP49 in 1950 but
 more resistance, probably

		Field	GH	
		49 50 1951	49 51	
HO-99-4-1-1,				
6905-1 med early	1 2 1		1 2	5705
2/R				X
V. good short stemmed type, thin, good sm. gr. type				
R	4			5706
HO-271-2-1-1,				
6909-1 7/3/	0-1 1 1-2		T-2 2	5707
1	3/R			X
R	4			5708
HO-308-1-1-1, BBT x B3812A				
6911-1	1 2 2		2 2	5709
2	2-3/R			X
Rex	4			5710
HO-308-4-1-1,				
6914-1	1 1 2		3 3	5711
1	5			X
V. good stem type, long fuel grain,				
R	4			5712

	Field	GH	
	49 50 1951	49 51	
5713	HO-315-1-1-1, BBt x B3812A 1 2 1	3 5 6915-1	
	fairly short stem R-MR except shorter stem TOO much C.O. to classify on 10%, much like B3812A. good		
5714	4	R	
5715	HO-318-1-1-1, 4 4 3	3 3 6916-1	
		4	
5716	4	R	
5717	HO-324-5-1-1, 1 1-2 1	3 6 6921-1	
5718	4	R	
5719	HO-367-2-1-1, TP x B3812A 2-3 3 3	2 3 6924-1	
	R	3	
	Good growth but too much HO.		
5720	4	R	

	Field	GH	
	49 50 1951	49 51	
HO-367-5-1-1, <u>6927-1</u> 1P	2 1 1-2 <u>5</u>	2 3	5721 X
can not classify acct C.O on 10% good type			
R	4		5722
HO-367-6-1-1 <u>6928-1</u> 2	1-2 2 3 <u>3-4</u> MR	2 3	5723 X
R	4		5724
HO-377-3-1-1, <u>6932-1</u> 1/5	1 1 4 <u>5</u>	2 2	5725 X
R	4		5726
HO-384-1-1-1, <u>6934-1</u> 4/R	3 4 4 <u>R</u>	3 5	5727 X
R	4		5728

	Field	GH	
	49 50 1951	49 51	
5729	HO-388-1-1-1, TPx	3812A	
x	1 1 1	1 2	6935-1
	1-2		1/R
	R		
	seq mat,		

5730	4		R
------	---	--	---

5731	-2,		
x	1 1 0-1	1 3	-2
	1-2		

seq. mat, some Early,

5732	4		R
------	---	--	---

5733	HO-388-1-1-1,		
x	late 1 0 2+	1 3	6936-1
	1/R		(0-R)

5734	4		R
------	---	--	---

5735	HO-3 [?] 88-4-1-1,		
	8/8 1-2 1 1-2	2 3	6939-1
	good for crossing MS		1/R
	fairly early, short stem, & good growth & yield		

5736	4		R
------	---	--	---

Field
49 50 1951GH
49 51

HO-394-1-1-1,

6941-1

1 0 1-2

2 3 5737

(O-R)

Yundish, short stem, no CO, vegetation X
short, may be segs for mat, mostly late

R

4

5738

HO-394-3-1-1,

6943-1

1 0-1/2+

2 3 seg 5739

0-1/R

Tail and late

R

3

5740

1

2

-2,

1 0-1/2+

2 2 5741

1-2

more production than 443 lines but more H₂O
Tail rather late

Rex

4

5742

HO-443-3-1-1,

6949

late 0-1 0-1/

2 1 5743

0-1/R

0-1
R-MR

Poor vegetative and unproductive

R

4

5744

(Good veg. character in 1950, almost immune to HO)
(Good lodge of grass typed in 1950)

Field

GH.

49 50 1951 49 51

HO-443-4-1-1, TPx 38/2A

5745

0-1 3 3 3 3 6950-1
MS 3/R

5746

3/R 4 R

V. good grain type, productive but too much HP.

5747

Mid to late 0-1 3 -2, 1-2 3 4 6950-2
1/R

5748

4 R

5749

HO-443-5-2-1

late 0-1 1 0-1 3 4 6953-1
R 1/R

one of cleanest but poor vegetatively

5750

4 R

5751

HO-443-5-3-1

0-1 1 2 3 3 3 6954-1
1/R 1/R

poor vegetatively

5752

4 R

most of old 3 have been highly Rm 1950 left v. poor veg character

Field

GH

49 50 1951

49 51

HO-443-6-1-1,

6955-1

L

1

2

2-3

3

3

5753

X

2/R

Rough hulls but v. good pl. grain, good begin 1951

This line had very good sug. character in 1950,

R

4

5754

HO-443-7-1-1,

6957-1

8/8

1

2

0-1

-

3

5755

X

2/MR

much like 468 lines

R

4+

5756

HO-468-1-1-1,

6959

2

2

1

1

3

5757

X

2/MR

R

4

5758

HO-468-1-3-1,

6962-1

8/8

2

1

1

1

2

5759

X

1/MR

R

4

5760

		Field			GH		
		49	50	1951	49	51	
5761	HO-468-1-5-1, TPx 3812A	2/8	1	2 1-2	1	4	6964-1
X	like 5767			MR			2/R
5762		8/8		4+			R
5763	HO-468-2-1-1,	8/7	2	2	2	1	3 6965-1
X	like 5767						
5764				4			R
5765	HO-468-2-3-1,	2	2	1 1-2	1	1	6967-1
X	Segs med & pt type, some good pt type			R-S			1/R
	appeared cleaner than other 468's in 1950						
5766				4			R
5767	HO-468-4-2-1,		1-2	2	1-2	1-5	1 6972-1
X	Long grain, rough						2/MR
	2nd much better sm than others agronomically						
	Has turn over med, fairly good seed set, otherwise						like 5769
5768				4			✓

		Field	GH	
		49 50 1951	49 51	
5777	X	HO-468-6-2-1, TPx 1 1 0-1 <u>T</u>	3812A - <u>T6978-1</u> 1/R	
5778		4	R	
5779	X	HO-472-3-2-1, M 4 4 4 all in this fam. are poor grain producers, and bldg 3-4 <u>P</u> Short pan. poor seed set.	2 46986 4/R	
5780		3+	R	
5781	X	HO-472-4-1-1, M 1 1 1 1-2 <u>T</u>	1-5 2 seg 6987-1 1/R	
		(Cooked good in 1950)		
5782		4	R	
5783	X	HO-472-5-1-1, ... W 4 1 2+ Tootell 1-2 <u>R</u>	2 46988-1 1/R	
5784		3	R	

			Field		GH	
		49	50	1951	49	51
HO-472-7-1-1,						
6991-1	M-L	2	1	2	3	3
<u>1/R</u>				<u>1/R</u>		
	Short straw, v uni ht, v good					X
R			4			5786
HO-472-8-1-1,						
6992	L	4-5	4	3	2	4
<u>4/R</u>				<u>4/R</u>		
						X
R			3			5788
HO-473-2-1-1,						
6993-1	M-L	1	1	0-1	2	3
<u>1/R</u>				0-1 (9/11)		
	Short straw, lots of good, good for crossing with good grain type,					X
R			4			5790
HO-473-3-1-1,						
6994-1		1	1	2	3	2
<u>1/R</u>						
	much like 5789					X
R			4			5792

		Field	GH
5793	HO-484-1-1-1, TPx 3812A	49 50 1951	49 51
X	M	1-2 1	1-2 1
		1-2	1-1
		1/4 S	1/R
	rough grain, slender excellent neg. character & sturdy strain		

5794		4	R
------	--	---	---

5795	HO-484-2-1-1,		
	l	1 0-1	2 1
		0-1	2 6996-1
			0-1/R
	cleaner than others (one of cleanest in 1950, good neg. character + vigor)		

5796		4	R
------	--	---	---

5797	l	1 0-1	-2, 2
		1-2	1 3 -2
		S	0-1/R

5798		4	R
------	--	---	---

5799	HO-484-4-3-1,		
	l	0-1 1	2+
		1-2	1 3 6999-1
		1-2	1/R

5800		4	R
------	--	---	---

Field				BH		
49 50 1951				49 51		
HO-487-4-1-1,						
7010-1				4	4	5801
4/R						x
v. uniform ht., and growth						
Excellent plant type, v. short sturdy, straw good growth						
R				4		5802
B38/2A1-2-1, B38/2A						
7013-1				1	1	5803
1/R						x
MS						
longer grain than original straw uni						
R				4		5804
"						
-2				1	1	5805
1/R						x
MS						
grain much like original, uni						
R 8/7				4		5806
"						
-3 8/8				1	1	5807
1/R						
MS						
R				3T		5808

		Infield			greenhouse			
		49	50	1951	49	51		
	B3812A1-2-2, Parent							
5809	8/7	2	1	0-1	1	1	7019-1	
X				MR			1/R	
5810				4			R	
5811		"						
X		1	0-1	2-3	1	1	7022-1	
	nudica on maturity just too tall						0-1 P	
	an off type, a good Petua grant type						1/S	
5812				4			R	
5813		"						
X		1	0-1	2-3	1	3	-2	
							0-1 P	
							1/S	
5814				4			R	
5815	8/4	"						
Λ		1-2	1	1	T	(1-5)	7024-1	
							1/MR	
5816				4			R	

This family is mostly T, spots which are present are very small. HMB

B3812A1-2-2, Parent 7024-2 1/1NR		Field 49 50 1951 1-2 1 1	G.H. 49 51 T 2	5817
R		4		5818
7026-1 0-1/1NR	8/7	2 0-1 1	T-1 1	5819
R		4		5820
-2 0-1/1NR	8/7	2 0-1 1	T-1 2	5821
R		4		5822
-3 0-1/1NR	8/7	2 0-1 1	T-1 2	5823
R		4		5824

	Field	GH	
	49 50 1951	49 51	
5825	HO-1-1-1-1, TP49 x B3812		
X	2 4 3 - 9		7027-1 4/R

(large spots in 1950 but not very numerous)

5826		4	R
------	--	---	---

5827	HO-2-1-1-1, 8/2	2 2-3 2-3 - 3	7029-1 2-3/R
------	--------------------	---------------	-----------------

Has small spots
Unim. growth, very short straw good grain yield.
Spots small in 1950 but numerous (looked good in 1950)

5828		4	R
------	--	---	---

5829	8/2	-2 2 2-3 3 - 5 -2	2-3/R
------	-----	----------------------	-------

5830		4	R
------	--	---	---

5831	HO-3-3-1-1, 8/3	0-1 1 0-1 -	47030-1 1/R
------	--------------------	-------------	----------------

Very short sturdy straw good grain yield
poor grain shape

5832		4	R
------	--	---	---

	Field			GH		
	49	50	1951	49	51	
HO-4-2-1-1, 7033-1	2	2	1-2 small spots	-	4	5833
$\frac{2}{R-T}$			R			X
good green stream type in 1950 watch T. of C. O. ab. grain						
R			4			5834
-2	-2					
$\frac{2}{R-T}$	2	2	2	-	2	5835
			R			X
appears to be superior to 5833, medium long grain						
R			4			5836
HO-9-1-1-1, 7034-1	2	1	2-3	-	3	5837
$\frac{1}{R}$			$\frac{2}{MR-R}$			X
Not as good sturdy green stream T. of C. O. ab. grain field (looked good in 1950) late mat.						
R			4			5838
HO-11-1-1-1, 7035-1	23	2	2-3	-	3	5839
$\frac{2}{R}$			$\frac{1-2}{R}$			X
Excellent qual. Res. gr. Rough V clean row, V green stream, fairly good grain yield						
R			4			5840

		Field		GH	
		49 50 1951	49 51		
5841	X	HO ₁₁ /2-2-1-1, TP49x 3812A 3 2-3 1-2 -	57036-1		2-3/MR
		R			
5842		4		R	
5843	X	HO-13-1-1-1, 8/7 1-2 1 2 -	57038-1		larger grain in 20 lines 1/5
		S			
		(Had green stream in spalls of CO in 1950)			
5844		4		R	
5845	X	HO-14-1-1-1, 8/4 5 4 3-4 -	87039-1		4/R
		MR			
		excellent grain type (smaller)			
5846		4		R	
5847	X	HO-27-1-1-1, 5 4-5 4 -	77042		4-5/R
5848		4		R	

	Field			GH		
	49	50	1951	49	51	
HO-27-1-2-1, 7043-1	3	2	3	-	6	5849
2/R						X
R			4			5850
HO-44-3-1-1, 7052-1 8/V	1-2	2	2-3	-	1	5851
2/R						X
(Add large spots in 1950 but few in number)						
R			3			5852
HO-48-1-1-1, 7055	3	4	3	-	3-6	5853
4/R						
Vastly strong, not too tall, earlier than TP49, green stems & fairly clean when ripe, good slope type						
R			3			5854
HO-49-3-1-1, 7056	1	1	2	-	3	5855
1/R						X
(Viguen strain in 1950)						
R			4			5856

	Field			GH		
	49	50	1951	49	51	
5857	HO-49-4-1-1, TP49x3812A					
X	8/4	1	1	3	-	27057-1
	X moderate					1/R
	(Promising in 1950 for plant type, prob sign for HO)					
5858			4			R
5859			-2,			
	1	1	3	-	2	-2
X	late 1 good,		1-2			1/R
			R			
5860			4			R
5861	HO-50-2-1-1,					
	1	2	3	-	(2-3)	7059-1
X						2/MR
5862			4			R
5863	HO-51-5-1-1,					
	0-1	1	2	-	3	7061-1
			MR			1/MR
	isogam BBT type in 1951 / good to cross with					
	(Excellent BBT type in 1950) BBT on a common type					
5864			4			R

	Field	GH	
	49 50 1951	49 51	
HO-51-5-1-1-2, 7061-2	0-1 1 1	- 3	5865 X
<u>1/MR</u>	<u>one spots</u> MR		
R	3		5866
HO-51-6-1-1, 7062-1	1 2 2-3	- 2-8	5867 X
<u>2+/R</u>	<u>MR</u>		
much like 5863 & 65			
R	4		5868
HO-57-1-1-1, 7065-1	4 3 3	- 2	5869 X
<u>3/MS</u>			
rough hells, shorter str. than 5863 & 4, rough hells			
R	4		5870
HO-65-1-1-1, 7068-1	1 2 2+	- 5	5871 X
<u>2/R</u>			
An excellent B&B type, prob. later than B&B			
R	4		5872

		Field	GH	
		49 50/95/	49 51	
5873	X	HO-67-1-1-1, TP 49 x	3812A	4 7070-1 1/R
		1 1 2	-	
5874			4	R
5875	X	HO-67-1-1-2,		5 7070-2 1/R
		1 1	0-1	
5876			4	R
5877	X	-3,		4 7070-3 1/R
		1 1	0-1	
5878			4	R
5879	X	HO-75-1-1-1,		6 7073-1 2/R
		8/6 2-3 2	3	
5880			4	R

all are very clean short stems
left mat, ibe q. 2-3
long q. 2-3
no C. 2

	Field	GH	
	49 50 1951	49 51	
HO-83-1-1-1, 7074-1 <u>1-2/R</u> Med	2 1-2 2 <u>R</u>	- 4	5881 2
Indy Shad, v. uni straw, sm. fan grain type			
R	4		5882 3
7074-2 <u>1-2/R</u>	⁻² 2 1-20-1	- 5	5883 1
like 5881 but better grain. Straw			
R	4		5884 2
HO-97-1-1-1, 7079-1 <u>4/R</u> Freshless Bottom Res. V. green stem 6-Row	2 4 3+ <u>R</u>	- 5	5885 2
Rough, V. good Res grain type			
late, straw hulls, no C.D. No taller than Res.			
R	4		5886 3
HO-102-1-1-1, 7081-1 <u>4+/R</u> TP49 growth habit of lines	3 4 4	- 5	5887 2
PBT mat, green straw, short, good			
R	4		5888 3

	Field	SH	
5889	49 50 1951 HO-108-1-1-1, TP49x 1 1 2-3	49 51 3812A - (3) 7084-1	1/R
X			
5890	4		Rep
5891	HO-109-1-1-1, 8/4 - 5 5 4	- 4 7086-1	5/MR
X			
5892	4		Rep
5893	HO-113-1-1-1, 8/5 1 1 2 early MS	2 7087-1	1?/S+
X			
5894	4		R
5895	HO-114-2-1-1, 0-1 0-1 2-3	- 6 7088-1	0-1/RR
T			
5896	4		Rep

Field

GH

49 50 1951

49 51

HO-114-2-1-2, 7P49x 3812A

7088-2

0-1 0-1 (2-3)

-

1 5897

0-1/RR

1/RR

x

(one of best rows in 1950 watch) [pan grain yield]
 use also one of cleaned for HO [slightly straw]

Rex

4

5898

HO-114-3-1-1,

7089-1

3 1-2 2-3

-

2 5899

1-2/RR

x

Straw is still entirely green
 on 10/16 grain had prob been ripe for 3 weeks.
 or more

Rex

4

5900

-2,

7089-2

3 1-2 2-3

-

5 5901

1-2/RR

R

x

Segs. rough smooth, seed smooth

Rex

4

5902

HO-116-1-1-1,

7090-1

2-3 2-3 2-3

-

2-5 5903

x

2-3/RR

RR

good to grow with altered type
 MR prob. BBT mat, V. green straw V. low
 BR plant type with BBT grain in 1950

Rex

4

5904

		Field			GH		
		49	50	1951	49	51	
X	HO-119				TP49XB3812A		
5905		4	4	$\frac{4}{R}$	-	(4)	7092-1
W	excellent straw in 1951, sturdy short, green (V. sturdy straw in 1950)						4/MR
5906				4			Rex
X	HO-135-1-1-1,						
5907		1	1	$\frac{2}{R}$	-	(4)	7099-1
	not as clean as some, much like 3812A for growth & grain. (Possibly one of best to cross with Jap variety. see 1950 notes)						1/R
5908				4			Rex
V	HO-143-1-1-1,						
5909		0-1	2	$\frac{1-2}{R}$	-	(3)	7101-1
	Poor yield Was seg. might sm in 1950 looked good)						2/R
5910				4			Rex
5911				-2,			
		0-1	2	$\frac{2}{R}$	-	4	-2
X	some phyb browning Poor yield						2/R
5912				4			Rex

	Field	GH	
	49 50 1951	49 51	
HO-143-1-2-1, 7102-1	0-1 1 2 phys. breaking	8	5913
1/2 R			X
fairly clean in field but bad in greenhouse			
R	4		5914
HO-144-1-1-1, 7104-1	0-1 1 1 2-3	- 7	5915
1/2 R			X
long. H. spots not too numerous shorter than 5916			
Rex	4		5916
HO-144-2-1-1, 7105-1	3 4 1-2 2-3	- 6	5917
4/5 R			X
like 5916 but ^{R-MS} taller			
Rex	4		5918
HO-157-1-1-1, 7107-1	3 4 3 MS	- 4	5919
4+ R			X
legs			
Rex	4		5920

		Field	GH	
X		49 50 1951	49 51	
5921	HO-161-1-1-1, TP49 x 3812A	1 1 2	- 4	7108-1
	promising in 1950, 2nd year type	$\frac{2-3}{R-MR}$		$\frac{1}{R}$
	pl. gr. in 1950, narrow leaves of India (later, sparse panicle)			
5922		4		Rex
X				
5923	HO-170-1-1-1,	8/1 3 4 1-2	- 4	7112-1
		$\frac{2}{R}$		$\frac{4}{MR}$
	spots rather numerous, but small			
5924		4		Rex
X				
5925	HO-192-1-1-1,	1 3 3	- 6	7116-1
				$\frac{3}{R}$
5926		4		Rex
X				
5927	HO-227-1-1-1,	1 3 3	- 6	7124-1
	phys. promising			$\frac{3+}{R}$
	excellent type, later than BK 2nd year			
	(v. good short strawed type, sl. gr. in 1950)			
5928		4		Rex

		Field		GH	
		49 50 1951		49 51	
HO-252-1-2-1,					x
<u>7129-1</u>	Midwestern	2 1-2	-	5	5929
<u>2/R</u>	Small spots				
fuller	an excellent long sl. gold,				Proble Row plot
	gr. than T. or 5927, 1 good				gold - shaded
Rex		4			5930
HO-256-2-1-1,					
<u>7132-1</u>	8/8 - 1 2 1		-	4	5931
<u>2/R</u>	Small spots				x
sl. later than	5929, better				
Rex		4			5932
HO-261-1-1-1,					
<u>7135-1</u>	1 3 1		-	4	5933
<u>3/MR</u>					x
Rex		4			5934
HO-281-1-1-1,					
<u>7142</u>	1 0-1 1-2		-	3	5935
<u>0-1/RR</u>	sharp brownig				
(excellent plant type in 1950 + 1949 watch, shaded)					
Rex		4			5936

	Field			GH		
	49	50	1951	49	51	
5937	HO-281-1-1-2, TP49 x B3812A					
	1	0-1	1-2	-	3	<u>7/42-2</u>

5938			4			Rep
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5939		⁻³ 1 0-1	2	-	4	-3
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short stem, grow too short & too full
all from this family are much alike, green stem

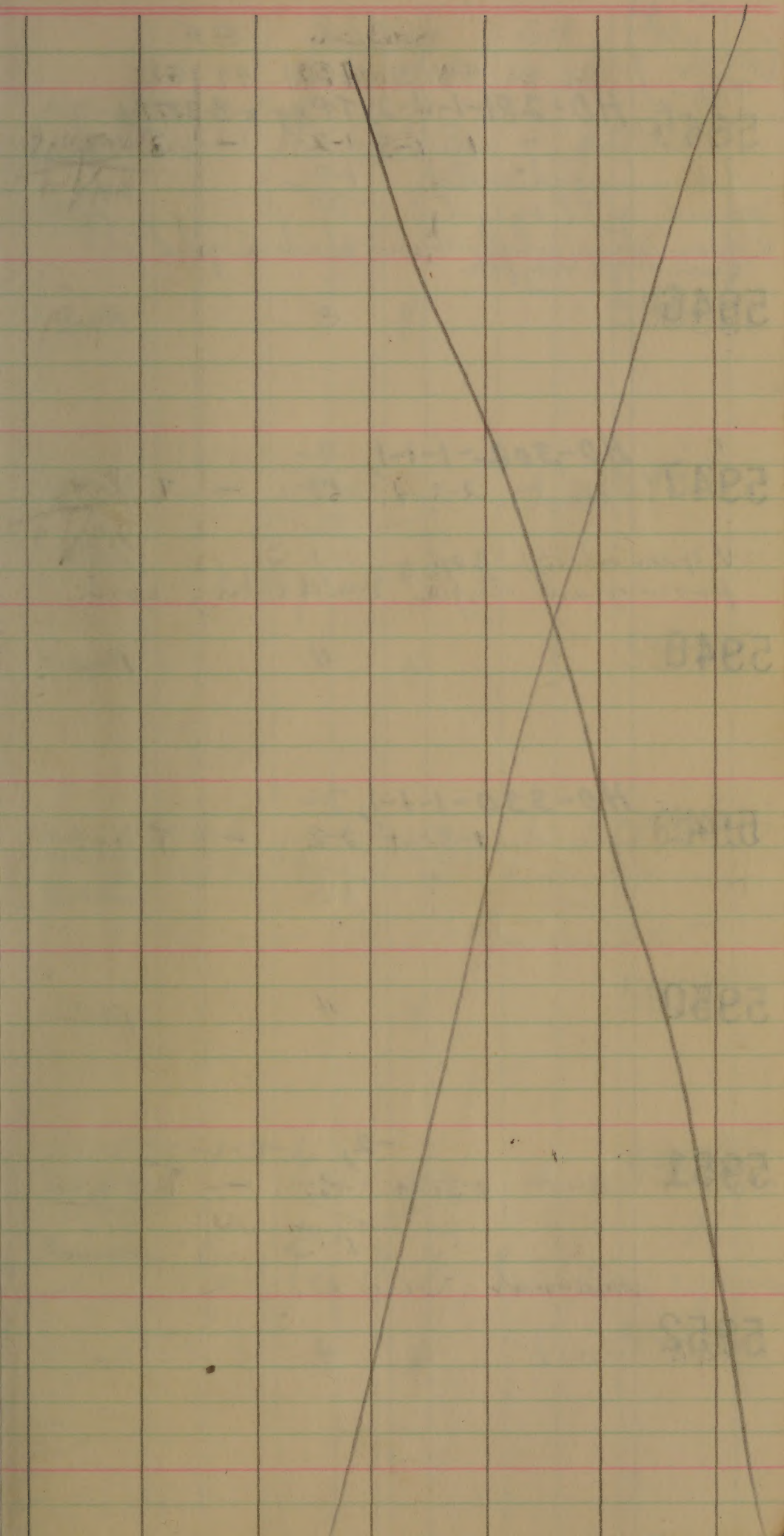
5940			4			Rep
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5941		⁻⁴ 1 0-1	1-2	-	4	-4
------	--	------------------------	-----	---	---	----

5942			4			Rep
------	--	--	---	--	--	-----

5943	HO-281-1-4-1,					
	cat	1	0-1	1-2	-	(5)7145-1
	leaf phyll. brown, may be highly R to D. 5945 same way 0-1/RR					
	was good plant type in 1950					

5944			4			Rep
------	--	--	---	--	--	-----



6 Row plot
over
5945

	Field	GH	
	49 50 1951	49 51	
HO-281-1-4-2, TP49 x B3812A			
1 1-3 1-2	-	T 7145-2	
1-2			
as early as TP or earlier	✓		01/RR
V. green straw, short straw	check in yield plot		
grain shape, only fair			
5946	3		Ref

5947	HO-302-1-1-1, Mid. 2-3 1	24	-	T 7157-1
	V. green straw, B3812A	2		1/RR
	poor grain type	check in yield plot		good,
5948		4		Ref

5949	HO-330-1-1-1, mid 1-3	2-3	-	T 7161-1
		MS		FI normal
	normal			

5950		4		Ref
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5951	mid 1-3	-2, 3	-	T 7161-2
		MS		FI normal
	normal			

5952	mid	4		
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	Field	GH	
	49 50 1951	49 51	
HO-330-1-1-3, 7/61-3 FI normal	mut 1-3 (-2-3) MS	- 2	5953
	normal		
Rep	4		5954
7/61-4 2/R-MR	mut 1-3 ⁻⁴ 2 MS	- 2	5955
	dwarf		
Rep	4		5956
7/61-5 3/R-MR	mut 1-3 ⁻⁵ 2 1-2 semi stunted by gr. ^{MR} strong brown leaves, dwarf has C.O. than 5955.	- 3	5957
Rep	4		5958
HO-330-1-3-1, 7/63-1	1-3 - 3+	- 2	5959
	bad for C.O., too long again		
Rep	4		5960

	Field	GH
	49 50 1951	49 51
5961	HO-339-1-1-1, TP49x B3812A	
	2? 0-1? 2+	- 4 7/65-1
	rougher than BBT	0-1P/MS
	Earlier than TP	
	(V. good plant type in 1950 segs. rougher smooth)	

5962	4	Rep
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5963	-2, 2? 0-1? 2+	- 3 7/65-2
	like 5961 but in 1950	0-1P/MS

5964	4	Rep
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5965	HO-341-1-1-1, 8/8 2 0-1 0-1	- T 7/67-1
	under smooth, straw balls	0-1/R
	(an excellent BBT type in 1950 watch V. good for 1950)	
5966	4	Rep

5967	-2, 8/4 2 0-1 0-1	- T 7/67-2
	R	0-1/R

5968	4	Rep
-------------	---	-----

	Field	GH	
HO-361-1-1-1, TP 49 x 83812A	49 50 1951	49 51	X
7173-1	3-4 2 3-4	- 6	5969

2/MR much like 5965 but shorter & taller
a better grain type

Rex 4 5970

HO-361-1-2-1,			X
7174-1	3-4 2 2-3	- 4	5971

2/MR

Rex

4

5972

HO-364-1-1-1, TP x 83812A			
7176-1	1 0-1 0-1	- 1	5973

0-1/RR

late

PR

good grain shape but a little short
(was good in 1950, watch ears must reselect in 1950)

Rex

4

5974

H

-2,

7176-2

late

1 0-1 1

- 2

5975

0-1/RR

watch

like 5973

X

Rex

4

5976

	Field	GH	
	49 50 1951	49 51	
5977	HO-367-1-1-1, TPx 3812A 1-2 2-3 3 MS	- 1-4 Seq	7/78-1 <u>2-3</u> /RR
5978	4		Ref
5979	HO-367-3-1-1, ? 1 3+	- 2	7/79-1 <u>1</u> /MR
5980	4		Ref
5981	HO-371-1-1-1, 0-1 0-1 3	- 2	7/82-1 <u>0-1</u> /R
5982	4		Ref
5983	-2, 0-1 0-1 1+	- 2	<u>-2</u> 0-1/R
5984	4		Ref

	Field	GH	
	49 50 1951	49 51	
<u>HO-371-1-2-1,</u> <u>7183-1</u> <u>v. late</u>	0-1 0-1 2+	- 1	5985 X
v. late, much later than Rex. No 9/19 (Was exceptionally clean in 1950)			
Rex	4		5986 X
<u>-2,</u> <u>-2</u> <u>v. late</u>	0-1 0-1 2+	- 1	5987 X
Rex	4		5988
<u>HO-371-2-1-1,</u> <u>7184-1</u> <u>1/R</u>	0-1 0-1 1-2	- 2	5989 X
(Sent to J.W. for Japanese in 1950)			
Rex	4		5990
<u>7184-2</u> <u>1/R</u>	0-1 1 2	- 2	5991 X
Rex	4		5992

	In field			GH		
	49	50	1951	49	51	
	HO-371-2-1-3, TP x 83812A					
5993	0-1	1	1	-	2	7184-3 1/R
5994			4			Rex
5995	0-1	1	⁻⁴ 3	-	4	7184-4 0-1/R
X Very late, much later than Rex						
5996			4			Rex
5997	HO-371-2-2-1					
	0-1	0-1	1	-	3	7185-1 0-1/R
5998			4			Rex
5999	HO-387-1-1-1, X					
	late	3-4	4	5	-	6 7191-1 4+R
X much shorter stem than Rex good Rex grain, productive						
6000			4			Rex

Field 6H
49 50 1951 49 51

HO-388-2-1-1,
7/92-1 1 4 3 - 5 6001 X
4/RR

Rey 4 6002

HO-398-1-1-1,
7/94-1 8/4 2-3 4 3 - 1-5 6003 X
4/R

Rey 4 6004

HO-411-1-1-1,
7/95-1 8/7 3 3 2 - 4 6005 X
3/R

Rey 4 6006

HO-421-2-1-1,
7/99-1 mid 1 2 - 5 6007 X
1P/ MR An excellent BBT type 1/In
3m. sl. grain, stream hulla, Tr Co
(was good in 1950, had small spots, questionable resistance?)

Should be a good parent
Rey 4 advance for field test
stream on 10/5 then any
and leaves must
new on 10/13

6008

Field

GH

49 50 1951

49 51

X 6009 HO-429-2-1-1, TPx 3812A
1 1 1 - 4 7201-1

1/R

(Had about very sturdy straw in 1950)

6010 4 Rex

X 6011 HO-429-2-2-1,
1 1 1 - 9 7202-1

recheck in greenhouse 2/R
Rather large spots in field but not many
Had about sturdy straw in 1950

1/MR

6012 4 Rex

6013 HO-437-1-1-1,
- 1 1-3 - 4 7209-1

1/MR

6014 4 Rex

6015 HO-438-1-1-1,
late - 1 0-1 - 9 7210-1

good quality grain
clean for 40m field, check greenhouse?
(small spots in 1950)

1/R

6016 4 Rex

	Field	GH	
HO-441-4-1-1, 7213-1 <u>1/R</u>	49 50 1951 - 1 1-2	49 51 - 3	6017 X
(erect flops, thin stemmed in 1950) Rex	4		6018
HO-441-4-1-1 7214-1 <u>0-1/R</u>	1 0-1-3? 1-2	- 3	6019 6-Row P X
(like 6017 in 1950) much shorter than Rex v. good. Rex grain, smooth, not b. v. green stem, Rex	4		6020
HO-444-2-2-1, 7217-1 <u>4/R</u>	- 4 3+ R	- 6	6021 6-Row X
(same in 1951) (looked v. much like T plant & consistent)			
Rex	4 4		6022
7217-2 <u>4/R</u>	- 2, - 4 4 R	- 7	6023 X
like 6021, excellent quality, T P gr type, growth habit and consistency, R to C. 2			
Rex	4		6024

	Field	GH
6025	49 50 1951 HO-451-1-1-1, TP _x 1-4 1 2+	49 51 B38/2A - 4 7224-1

1/R

6026

3

Ref

6027	HO-453-2-1-1, 2 3 5	- 5 7228-1
------	------------------------	------------

3/RR

(had very good neg. character in 1950)

6028

4

Ref

-2,

6029

2 3 3+

-

2.7228-2

3/RR

6030

4

Ref

6031	HO-456-1-1-1, 2 1 2	- 3 7230-1
------	------------------------	------------

X

1/R

6032

4

Ref

		Field	GH		
		49 50 1951	49 51		
HO-456-1-1-2, 7230-2		2 1 3+	- 5	6033	X
1/2 R	late				
Ref		4		6034	03
HO-456-1-2-1, 7231-1		2 1 3+	- 3	6035	X
1/2 R	late smooth, straw, rather tall vs green neg. good grain type				
Ref		4		6036	03
HO-464-1-1-1, 7239-1		- 1-2? 2-3	- 3	6037	03
1-2? / MR	Early				X
	Volund straw, uni,				
Ref		4		6038	03
HO-467-1-1-1, 7243-1		1 0-12-3	- 5	6039	03
0-1/2 R					X
Ref		4		6040	03

	Field			GH		
	49	50	1951	49	51	
6041	HO-467-1-1-1, TPx B3812A					
X	1	0-1	3	-	5	$\frac{7243-2}{0-1/R}$
6042			4			Rep
6043	HO-471-4-1-1,					
X	4	4	$\frac{4}{R-Tn}$	-	6	$\frac{7246-1}{4/R}$
	v. late, sh. later than Rep					
6044			4			Rep
6045	HO-480-1-1-1,					
X	0-1	0-1	3-4	-	6	$\frac{7252-1}{0-1/R}$
6046			4			Rep
6047			$\frac{-2}{2}$	-	6	$\frac{7252-2}{0-1/R}$
	0-1	0-1				
6048			4			Rep

	Field	GH	
	49 50 1951	49 51	
HO-485-1-1-1, 7258-1 0-1/R	0-1 0-1 1 One of cleanest in field	- 8	6049
Rep	4		6050
7258-2 0-1/R	-2, 0-1 0-1 1 R	- 5	6051
Rep	4		6052
HO-485-1-2-1, 7259-1 0-1/R	0-1 0-1 1 Some dwarf type (V. short sturdy stems in 1950, wide leaves)	- 3	6053
Rep	4		6054
7259-2 0-1/R	-2, 0-1 0-1 1 R	- 3	6055
Rep	4		6056

		Field		GH	
		49 50 1951		49 51	
		HO-485-2-1-1, TPx B3812A			
6057	8/3	-	- 0-1?	1-2	- 3 7262-1
					<u> </u> ?/5
6058			4		Rey
6059	8/4	-	- 0-1?	-2 1	- 8 7262-2
					<u> </u> ?/5
6060			4		Rey
6061	8/4	HO-485-2-2-1,	- 0-1?	0-1	- 4 7263-1
X					<u> </u> ?/?
6062			4		Rey
6063			- 0-1?	-2 1-2	- 6 7263-2
X					<u> </u> ?/?
6064			4		Rey

HO-484-2-1-1, <u>7264-1</u> ?/s	Inch 49 50 1951 - 0-17 4 S	GH 49 51 - 5	6065 X
Rex	4		6066
<u>7264-2</u> ?/s	- 2 - 0-17 4	- 5	6067 X
Rex	4		6068
HO-486-2-1-1, <u>7267</u> 4/R	1 4 4	- 6	6069 X
Rex	4		6070
HO-488-1-1-1, <u>7269-1</u> 4/R	- 1-2 3	- 6	6071 X
Rex	4		6072

		field			6H	
		49	50	1951	49	51
	HO-489-1-1-1, TPx					B3812A
6073	8/5	1	1-2	1-2	-	3 7271-1
X						?
6074				4		Rep
6075	8/5		-2,			
X		1	1-2	2+	-	3 -2
						?
6076				4		Rep
6077	HO-489-1-2-1,					
	late. 1 0-1			2	-	3 7272-1
				1		1/R
	short, sturdy stem in 1951, 1/R					
	(short stem very clean in 1950) reg stem + gold.					
6078				4		Rep
6079			-2, -1-			
	late 1 1		2		-	4 7272-2
	gold otherwise, like 6077					1/R
6080				4		Rep

		Field	G.H	
		49 50 1951	49. 51	
B396B47-11-2-2-1,		SP-SJ x R-D		
4802		2-4		6081
Rev		4		6082
B396B47-11-2-2-1		4		
4801-1				T 6083
green sh				
Rev		3		6084
4861-2		-2		6085
Rev		4		6086
B396B47-3-1-2-1,		4		6087
4779-1				
Rev		4		6088

all have very large blotches, as they H.O.?
 all have green stain, med. gr, sm. med. brown, faintly
 don't show BL appearance. No stain. Have large
 blotches which may not be H.O.? Check

	Field	GH	
X 6089	49/50/1951 B396B47-3-1-2-2 (SP-SJxR-D) 5	GH 4	4/1/19-2
6090	4		Rep.
6091	B396B47-3-1-3-1, 4	3	4/8/81-1 LATE
6092	4		Rep.
6093 X	-2 5		4/8/81-2 LATE
6094	4		Rep
6095 K	B396B47-3-1-6-1 5		4/8/81-1
6096	4		Rep

		Field	G-H	
		49 50 1951	49 51	
B396B47-3-1-6-2		4	3	6097
8784-2		4 large spots		
Rex		4		6098
B396B47-5-1-1-1		3		6099
4787-1				
Rex		4		6100
		-2		
4787-2		2-3		6101
good to cross with first & BBS & Rex to get green striped character into long gr. type				
Rex		4		6102
B396B47-5-1-3-1,		3-4	6	6103
4787-1 8/6		5		
Rex		4		6104

Field G.H.

49 50 1951 49 51

6105

B396 B47-5-1-3-2, (SP-SJ+R-D)
8/7 3-4 54789-2

6106

4

Rex

6107

B396 B47-5-1-4-1,
3
ST

24790-1

6108

4

Rex

6109

-2,
3-4
ST

104790-2

6110

4

Rex

6111

-3,
2
ST

TH790-3

6112

4

Rex

gran-
good B396 B47-5-1-4-1, 1959 as the field
date 5 to C.O. Held 8/9 about neg. growth.

		Field	G.H.	
		49 50/1951	49 51	
B396B47-1-7-1,	(SP-SJ x R-D)			
4797-1		$\frac{3}{R}$	2	6113
8/10				
Has exceptionally	green stem, good for crossing			
Ref		4		6114
	-2,			
4797-2		$\frac{1-2}{T}$	3	6115
8/9				
Exceptionally	green stem,			
Ref		4		6116
B396B47-1-8-1,				
4798-1		$\frac{2+}{T}$	2	6117
Ref		4		6118
	-2,			
4798-2		$\frac{2}{T}$	3	6119
8/10				
Ref		4		6120

	Field	GH	
	1951	49	51
6121	T. Patna	4	1
6122		4	Ref
6123		4	2
6124		4	Ref
6125		4	3
6126		4	Ref
6127		4	4
6128		4	Ref

		Field	G. H.	
		1951	49	51
5		4		6129
Rep		4		6130
6		4		6131
Rep		4		6132
7		4		6133
Rep		4		6134
1	From Nolte Panicles From			6135
	BOT. AA LOT	4		
	8/10			
Rep		4		6136

		Field 1951	GH 49 51	
6137	NOTE 8/9	BBT. 4		-2
6138		4		Rex
6139	NOTE 8/7	BBT. 4		-3
6140		4		Rex
6141	NOTE 8/10	BBT. 4		-4
6142		4		Rex
6143	NOTE 8/11	BBT. 4		-5
6144		4		Rex

		Inch	GH	
		1951	49 51	
-6	NOTE BBT. 8/10	4		6145
	Rex	4		6146
-7	NOTE BBT. 8/9	3		6147
	Rex	4		6148
		5		6149
-1	T.P. H9 FROM ¹⁹⁵⁰ Head Row Block	4		6150
	Rex	4		6151
-2		4		6152

		1951	GH 49/51	
6153		4	T.P. 49	- 3
6154		4		Rex
6155		4		- 4
6156		5		Rex
6157		5		- 5
6158		4		Rex
6159		4		- 6
6160		4		Rex

			Field	1951	GH 49 51	
-7	T.P.H.9.			5		6161
	Rex			4		6162
	Parrule					6163
	1	Rexors (1)				6164
		Salt water				6165
	1					6166
	2					6167
	2					6168
	3					
	3					

6169	<u>Perovo</u> <u>salt water</u> - ①				4
6170					4
6171					5
6172					5
6173					6
6174					6
6175					6
6176					7

7	<u>Rexoro</u> <u>salt water</u> ①	6177
---	--------------------------------------	------

7		6178
---	--	------

8		6179
---	--	------

8		6180
---	--	------

8		6181
---	--	------

9		6182
---	--	------

9		6183
---	--	------

9		6184
---	--	------

6185	<u>Rexro</u> <u>Saltwater</u> ①				10
6186					10
6187					11
6188					11
6189					12
6190					12
6191	<u>Saltwater</u> <u>Rexro</u> ②				13
6192					13

13 salt water
Recess

6193

14

6194

14

6195

15

6196

15

6197

15

6198

16

6199

16

6200

6201

Salt water (2)
Ruro

16

6202

17

6203

17

6204

18

6205

18

6206

19

6207

19

6208

20

20 salt water (2)
Rexro

6209

20

6210

21

6211

21

6212

21

6213

22

6214

22

6215

22

6216

6217 Salt water (2)
Rexon

23

6218

23

6219

23

6220

24

6221

24

6222

24

6223 Salt water (5)
Rexon

25

6224

25

25 Saltwater ⑤
Racco

6225

26

6226

26

6227

26

6228

27

6229

27

6230

27

6231

28

6232

6233	salt water (5) Pexoro	28
------	--------------------------	----

6234		28
------	--	----

6235		29
------	--	----

6236		29
------	--	----

6237		30
------	--	----

6238		30
------	--	----

6239		30
------	--	----

6240		31
------	--	----

31 Salt water ⑤
Trow

6241

32

6242

32

6243

33 BB+
Salt water ④

6244

33

6245

34

6246

34

6247

35

6248

33
6249 *BPT*
Salt water ⑤

35

6250

35

6251

36

6252

36

6253

37

6254

37

6255

38

6256

38

39 ~~BB+~~
Lectwahn ②

6257

39

6258

40

6259

40

6260

40

6261

41

6262

41

6263

42

6264

88
6265

BB+
Salt Water (S)

42

6266

43

6267

44

6268

44

6269

45

6270

45

6271

46

6272

46

47	<u>BB+</u> Salt Water ⑤	6273
----	----------------------------	------

47		6274
----	--	------

48		6275
----	--	------

48		6276
----	--	------

49	<u>Zemuth</u> Salt Water ⑥	6277
----	-------------------------------	------

49		6278
----	--	------

49		6279
----	--	------

50		6280
----	--	------

6281 *3 feet
Salt water* ⑥

50

6282

51

6283

51

6284

52

6285

52

6286

53

6287

53

6288

54

54 Zenith (6)
Salt Water

6289

55

6290

55

6291

56

6292

57

6293

58

6294

58

6295

59

6296

6297	<i>zenith Salt water</i> (6)	60
------	----------------------------------	----

6298		60
------	--	----

6299		61
------	--	----

6300		62
------	--	----

6301		62
------	--	----

6302	<i>♀ Parent of Rexona crossed with Salt Water</i>	63
------	---	----

6303	<i>50-6849; ♂ parent straw smooth</i>	64
------	---	----

6304	<i>50-6850; ♂ Parent rough gold</i>	65
------	---	----

66 Salt water; ♂ parent of 6305
Cross with Zenith made 10/3/50

Salt water
67 ♀ parent of plant no. 1 6306
(Crane cross)

68 Salt water; ♂ parent of 6307
Cross with Zenith + Revco
made 10/4/50 Seg. ~~Some~~ ^{Some plants} with pr apic
may be with crosses,

69 Zenith; ♀ parent 6308
of cross with salt water
made 10/4/50 One off type plant, longer gr
than Z, pr. apic (Natl Cr)

70 50-6849; ♂ of cross 6309
508A
Smooth, straw

71 Salt water; ♂ of cross 6310
with BB made on 10/3/50

72 Zenith; ♀ of cross 6311
with salt water made on
10/3/50
This line sent to L.E. Crane for Z-Cent cross

73 Bluebonnet; ♀ of cross 6312
with salt water made on
10/3/50

6313	Salt Water; ♀ of plant #2 74 (by Crane)	
------	--	--

6314	Rever. ♂ Parent of Cross with salt water made by Crane.	75
------	---	----

6315	Cuban Variety	76
------	---------------	----

6316	"	76
------	---	----

6317	"	76
------	---	----

6318	"	76
------	---	----

6319	Parents of Crosses.	Cent 7.8
------	---------------------	---------------------

6320		Cent 79
------	--	--------------------

80

BBT

6321

+

81

BBT

6322

x

82

BBT

6323

↓

83

~~rough gold~~ BBT

6324

One off type (a med-grain)

84

Sm. gold + rough (Seg)

6325

Proh Cent very parent of Cross with 6850
 Rough may be a cross seed,

85

~~rough gold~~ smooth gold

6326

(2x B50-40 Parent)

Crosses start here

86

7 plants

6327

D.K. 10MB

are all rough + gold

all early

505A

Cent x 6850 G.K.

87

all smooth (1 strain) + 2 golds
 (6328-1)

3 plants

6328

O.K. 10MB

(4/28/53)

(Proh 506A Cent x 6849)

The 2 all gold plants were not crosses, 4/28/53

- 6329 1 plant, medium, 1st HD 8/10 88
 26 rough, straw, poi tip,
 (BBt x Zenith) ? (503A) or 504
- 6330 6 plants, all late 89
 501A (straw hulle.
 BBt x 40 (501A) One plant not a cross
- 6331 4 plants 90
 1st HD (8/6) (8/6) (8/9) (8/5)
 all are straw, smooth pr apic.
 (B508A, BBt x 6849 + 501A)
- 6332 1 plant 91
 1st HD 8/8
 26 straw, rough, pr apic, V long gr,
 BBt x 6850 (B507A)
- 6333 1 plant, 1st HD 8/4 92
 26 straw, rough, fruit pr apic.
 26 a med-gr.
 40 x Zen, 504A
- 6334 4 plants 1st HD (8/2) (8/4) (8/4) (8/7) 93
 all are smooth & straw hulle
 pr apic.
 (BBt x Century)

					Fi
501A	BBt x	<u>40</u>	✓ x	straw gold	Sm
502A	BBt x Century		✓ x	straw	Sm
503A	BBt x Zenith		✓ x	"	Rough
504A	<u>40 x Zenith</u>		✓ x	"	rough
505A	Century x	6850	✓ x	gold	Rough
506A	Century x	6849	✓ x	straw	rough
507A	BBt x	6850	✓ x	(straw rough)	Rough
508A	BBt x	6849	✓ x	(straw smooth) and rough	

Show

Foreign Introductions

Tullis Seeding Order No.	S.P.F.	Name or No
7	180,060	1st hd June 23
8	180,061	1st hd June 11
25	184,386	
29	185 185,799	Demerara Grade
30	185,800	No. 79
31	185,801	A31-12
32	185,802	A52-37
33	185,803	D54-42
34	185,804	D85-42

Source
(Country)

India long sl. straw hulls Early
India Short grain, V.E. gold-hull

Br. Guiana

"

"

"

"

"

"

Tullis Seeding
Order No.

SPI No

Name or No.

35	184,805	D89-42	
36	184,806	D95-42	
37	184,807	D110	
38	184,808	S161	
39	184,810	SC54-60	
40	184,811	T1	1st bid June 23
41	184,812	T1	
42	184,813	5 Mo. R100	

Source
(country)

Br. Guiana

"

"

(cover)

"

"

"

(watch)

"

"

42

9

10

11

50 to 59 184,675

Jones is very much interested in this book.
Have 8 & 10 some of this interest.

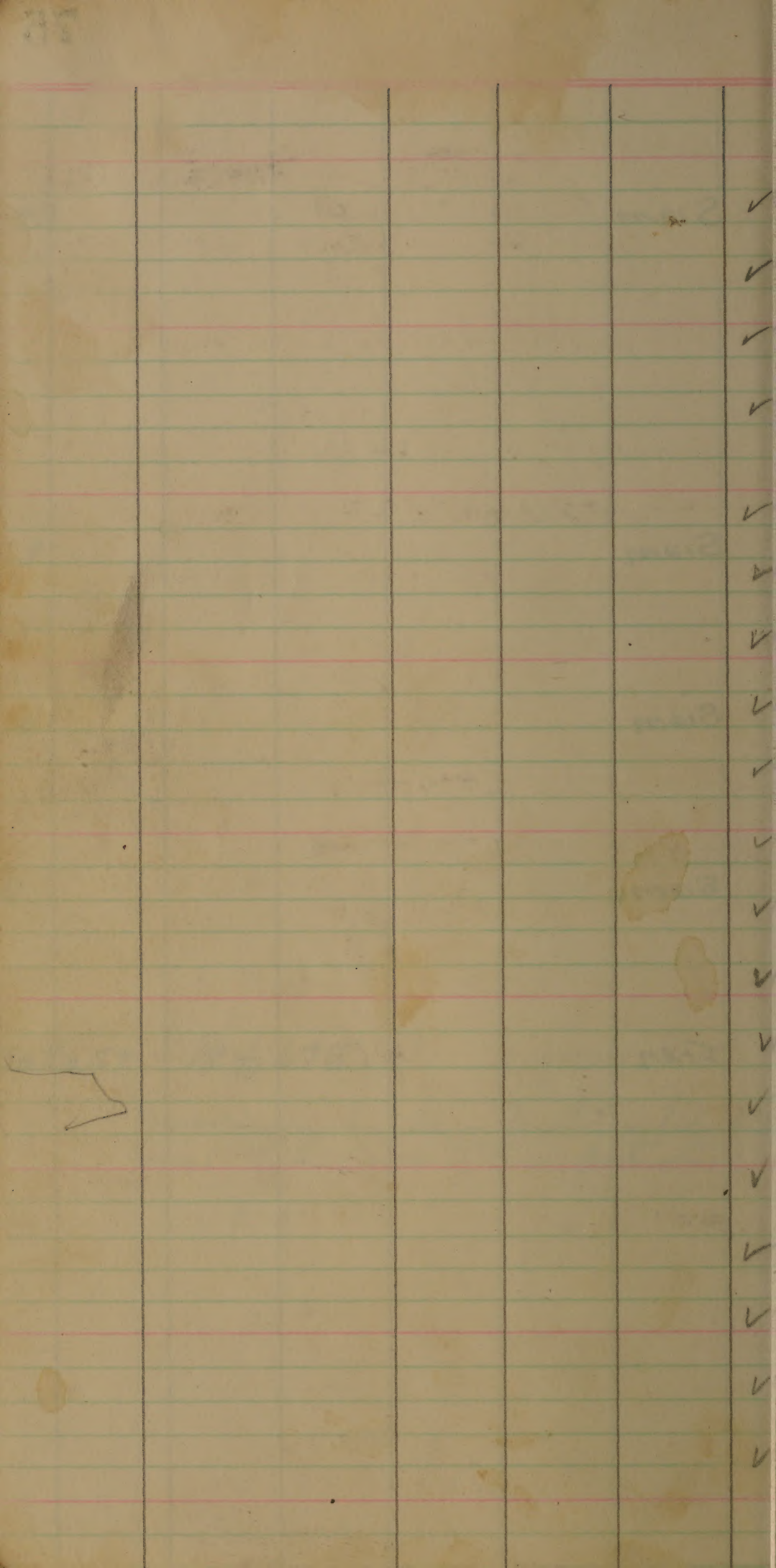
Siam

Siam

Siam

Siam

Iran

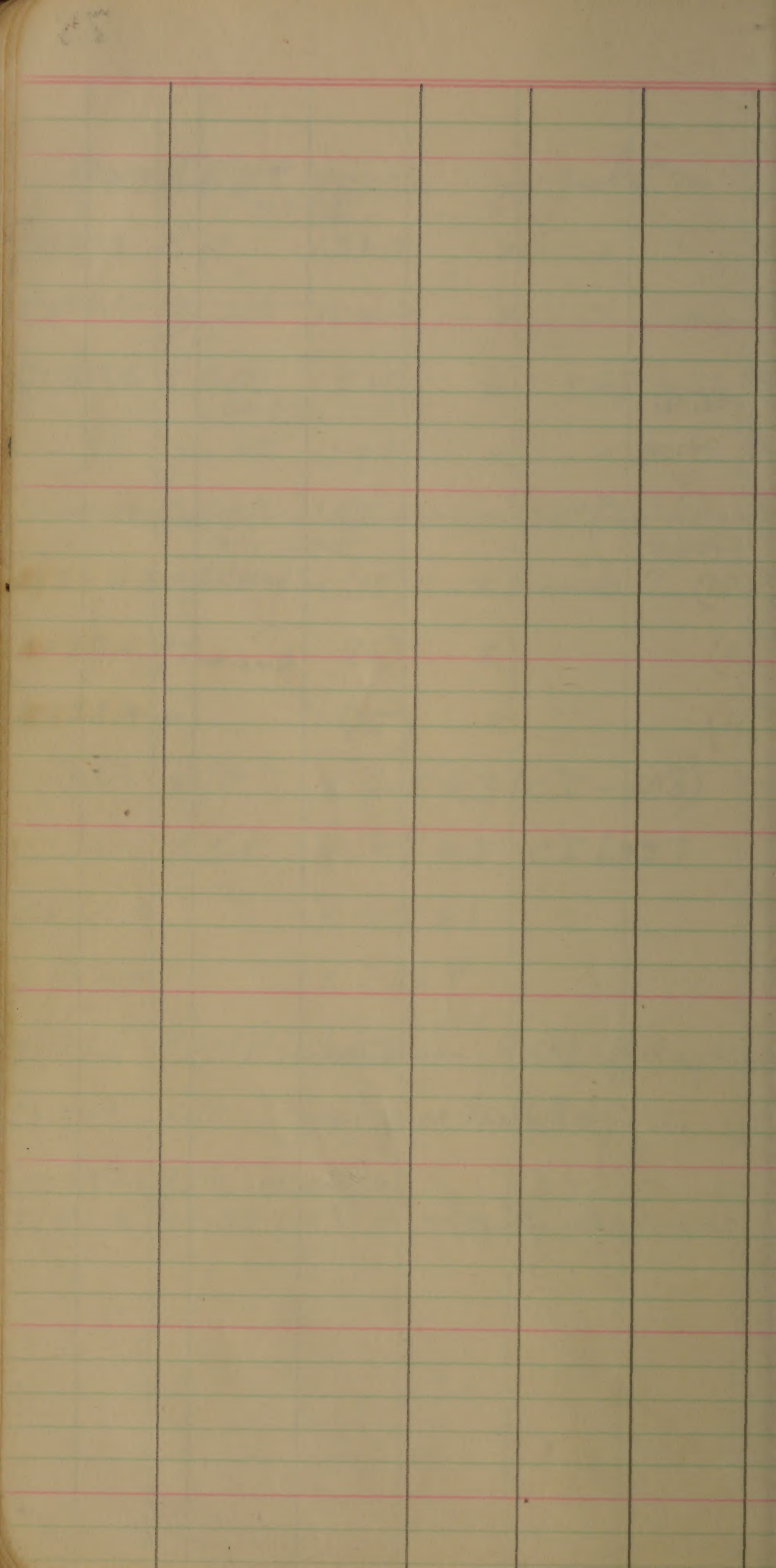


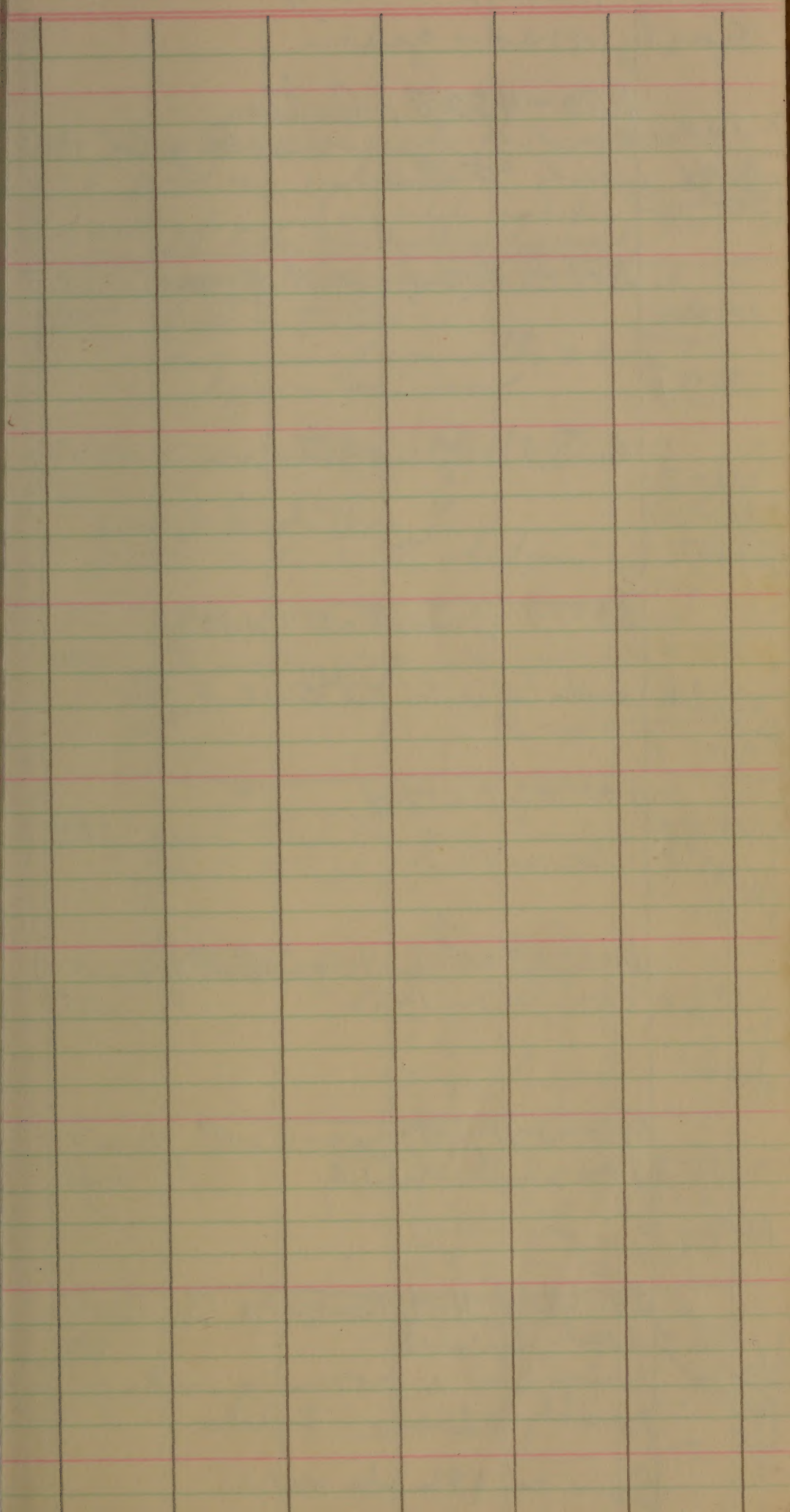
Crosses made in 1951				
	Plant no.	Plot no.	no seeds	
511A	Cent 231 124A	X Zenith 123A	6	
Pollinated by tying 2 heads together (L.E.C.)				
512A	Cent 231 124A	X Smith 123A	2	
513A	Cent-231 124A	X SPI-180,060 (2nd cross)	1	
514A	Cent 231 124A	X T-1 (B.G.) SPI-184811	5	
May have some SPI 180,060 crosses as some of them pollen was used by him				
515A	Cent-231 124A	X T-1	2	
516A	Cent-231 2820	X 2567 L.E.C. CI 8150(%)	4	
This cross did not have a tassel but is thought to be ok				
517A	"	2820 X 3176	3	
518A	"	2820 X 3601	12	
519A	"	2820 X "	No seed	
5110A	"	2820 X "		
5111A	"	2820 X Cuba pl #1 (hypr)		
5112A	RBT	3080 X Cuba pl 2		
5113A	3670	immature 30 florets opened, not fertilized		
5114A	3670	immature 36 florets opened, not fert. many few florets had opened on previous days		
5115A	3670	immature 37 florets opened, not fert		
5116A	Cent 231 145A	X 3090		
5117A	"	145A X 3230		
5118A	RBT	125D X 3090		
5119A	RBT	125-D X		
Remark By Eddie				

5120A	BBT 151C Nr 8/31	X	Cuba #2
5121A	BR 131A	X	" "
5122A	Zenith 169A	X	" "no seed
5123A	BBT 151C Nr 8/31	X	SPI 180,060
5124A	Zenith 169A	X	" 189,060
5125A	BBT 151C no seed	X	BBT (head lids together)
5126A	(Nr) Hill Med Sel (15)	X	Bruin Sel x Z (18)
5127A	(Nr) no seed (16)	X	(18)
5128A	(Nr) (15)	X	(16)
5129A	BBT X 2563		(C.I.-6018)
5130A	BBT X 2565		C.I. 6037
5131A	X 2561		
5132A	X 2869		
5133A	B438A (162C) X		Cuban pl 7 repl 3
5134A	BBT (170A) X		BB 41
5135A	BBT (170A) X		BB 37 no seed
5136A	T.P. 49 (149) X		Cuban pl 7 repl 3

✓
✓
✓
✓
✓
✓
✓
✓
✓
✓
✓
✓
no seed 9/26, shattered
can not find plant on 9/26

1 seed. Hn 9/28/51





6 Row Plots (Bulk seed)

Early med-grain

B50-4325, Centum

X 100 1 a med-gr type smooth gold 4325
(1 lb 100) 9/15 easily threshed

B4045 B47-1, glut Rague

100 2

161

C.I. 5309, glutinous

100 3

162

B437A1-6 Sm BR-BR41X 8323

X 100 4 was inig h in 1950, steady strong 18
(1 lb 25) Rather steeper than BR but later than 2.
9/15

B437A1-6-1-17-4,

"

173

X 100 5
(1 lb 25) like 100 4
9/15

B437A3-18-6-11-2, Sm BR-BR41X 8323-A

100 6 Too tall in 1950

25

B437A3-11-1-3-2

"

100 7 Too much shelly

26

disc

B4564A2-11-4, Brn Del x 2.

X 100 8 easily threshed 186
(1 lb 25) looks like a promising med-gr type
9/15 + possibly advance to F plots
Some as 18 in adv nurse.

186	Same as, U.E. Prob no value?	1009 X
	But growth perhaps good as a white eyed crop. possibly better than anything in this respect.	110 25 lb 9/15
	Heel Medium (baseline)	10 10
175	Hard to thresh segs rough & smooth, grain rough in pan. row	110 10 10 9/15
B45-15-1-3-5-1	Heel Med x R.	10 11
180	earlier to thresh than R Watch, Early mat, short grain	110 also 10 10 9/15
	Same as 1011	10 12
180	Same as 1448	110 9/15
176	earlier threshed, grain too long for a R type, good.	10 13 (110 25 lb) 9/15
Early Med-gr Leger	appears to be same crop. for grain size & shape as the same R. type good character a few but R all rough, stood up very well when over ripe	10 14 10 15 water 10 15
Early Med-gr Leger		10 15 water 10 15
B45-15-4-3-2	Heel Med x R.	10 16
27		

17
1017

X

B45-15-4-3, Hill Med x L.

177

18
1018

X
disc

B4045B39-13, Natl. Co.
late

165

19
1019

small
2 3/4 lbs
9/15

X

B3810A1-17-1-1 Sel, S-EP x CA x Coly
v. easily threshed

170

1020

2 1/2 bushels
9/15

B46-3046-7-1-3, K-K x BR, Roque

2190

Threshes very easily, about
same maturity as K, short
grain, gold hulls, v. good med-gr
type; gold hulls

1021

2 1/2 bushels
9/15

B46-3046-12-2,

"

172

Early long-grain

1022

2 1/2 bushels
9/15

Edith, C.I. 2127

169

1023

HR48-5, Century (short gr.)

4292

a long gr. type

1024

HR48-6,

4293

HR48-7, Century (short-gr.) 25
4294 1025 X

Nolte 48-15, TPxR-SBR 26 X
4321 heavier straw than Cent in '50 maybe later
short panicles
may be B403/A1-3-3 but grain
looks better, has shorter larger stems than Cent
and shorter hds, looks good
Tall Century
4421 v. tall in 1950 1027
Saved
Hds.

Slender-Century 28
4333 1028 X

Nolte Century 29
4337 uni in '50 heads erect watch 1029
a very long grain type

Nolte Century (Short straw) 30
4345 1030 X
Has very short straw, a good grain
type, watch.
Saved
100 hds

Century 231 rogue 30
4404 med-gr. smooth later than
later than Cent, fairly easy to thresh
shew
B403/A1-1-8-3 Sel.
4261 looked v. good in '50 1032
late grain shape not as good as
desired

B403/A1
Cent. in '50
good
Saved 2.5 Hds
9/14

32
1032

done

33
1033 X B403/A1-1-8, Original Cent
Sured
100 Hds
good Century type 213

34 X
1034 Cent. 232-1
Sured
25 Hds
good Century, prob early mat 11 202

35
1035 Cent 232-2
And 52 mat. 203
X

36
1036 Cent 233-1
Cent 52 mat. 204
X

37
1037 Cent 234-1
And 52 mat. 205
X

38
1038 Cent 234-2-1
Cent 52 mat. 206
X

39
1039 Cent 234-2-2 207
X

40
1040 Cent 234-2-3, 208
X

Cent 236 209	41 1041 X
B403/A1-1-1-2 201 midseason Cent	42 1042 X
B403/A1-1-1-2-2-1 4501 midseason types Cent	43 1043 X
Cent B403/A1-1-1-2 210 mid season Cent	44 1044 X
Cent B403/A1-1-1-2 211	45 1045 X
unknown Cent 212 fresh Cent 52 met	46 1046 X
Cent B403/A1-1-8-4-8-1 217 early as Cent	47 1047 X
Cent Short-grain Century 214 early as Cent	48 1048 X

49
1049 B403/A1-1-11-6-1
rather late
midseason Century
219

50
1050 B403/A1-1-11-6-2
late
220

51
1051 B403/A1-1-11-6-3
late
221

Starts and ends / check the north look

52
1052 B403/A1-1-11-6
like other A1-1-11-6
222

53
1053 B403/A1-20-5-47-4, Rogue
258

54
1054 B403/A1-3-3
V. short stem
58

55
1055 B403/A1-24, TPX R-SBR
not down
F. Plot

56
1056 B403/A1-1-10-1-2
prob as late as TP. (C)
no later than now
4472

B403/A1-1-5,
257

twisting at base (grains) 57
1057

High mix 8-47-5-1-4

4009 midseason to late but lodged 1058
in 1950.

grain quite tall in '51 but v. long, grain
too long & curved.

High mix 8-47-8-3-3

4017 20 an excellent plot, may not be 1059
as early as last, but fuller grain
V. good, 1059
25th

High mix 8-47-21-1-1

4023 Thought to be early at Pm 50 1060
looked v. good. (sl. later than BBT) th

v. short & v. sturdy straw, green
strong, chunk grain type, some C.O.

High mix - 8-47-30-2

262

61
1061

inferior to 1060

S to C.O.

High mix - 8-47-33

260 a very sturdy straw type 1062
Prob. as early as T.P. grain with late '52
v. tall, grain full but longer than 6-Row
Rever! Prob. no taller than Rex

High mix 8-47-37-2

263

63
1063

v. short straw, early

High mix 8-47-38-2

264

64
1064

grain too much curve,

S to C.O.

65
1065

Nyht Mix 8-47-44-3

265

66
1066

Nyht Mix 8-49-10

4001

cut 3 rows, fairly tall, rather late
but green straw, good green shape

67
1067

B403/A1-1-4-5 Sel 1-2-8

(much like BBT but more sl. grain) 4166
no C.O.

Hardly as tall as BBT
Shaw hulls

68
1068

B403/A1-1-4-5 Sel 47-1-3-2

4172

like 1067 but has gold
hulls

69
1069

B403/A1-1-4-5, Sel 47-1-4-3

4177

grain too long & curved

101
1070

BBT rogue from TP x R-SLR

6 rows in
dark in
out of order
a smooth med gr. type, more E
A BBT type, an error in name
223

102

B403/A1-1-4-5, Sel 47-1-3-1-2

1071

(tall neg in '50, mids neg, no C.O.) 4238
20 tall, drooping leaves like full Patna
good, green neg, sturdy straw

103

B403/A1-20-5-47

1072

Shaw hulls, more sl. gr. than BBT, rather tall but good
Too tall 259

Midseason long-grain types

B45582-11-1, BBT x (TPXR-SBR) 104
 275 (Do tall, not 275) 1073
 1074 looks like 275, disc

B455A1-27-3-5, BBT x (TPXR-SBR) 105
 5257 1074
 1 short straw, some seg. for lit 6 Row

B455A1-7-2-1, 106
 5309 1075
 gold hulls, BBT mat: v. good, short
 sturdy straw, v. good, sturdier than 1074 (100 lbs)
 (larger stems, green sturdier straw than 1074)
 B455A1-25-1-1, 107

5344 v. short straw, v. green leaves in '50 Watch 1076
 v. short straw, v. good as a short stemmed
 BBT. Better than 275 (100 lbs)
 grow a plot of this with extremely low first application
 Proch BBT x (TPXR-SBR) 108

3475 v. good in 1950, sl. taller than lent. 1077
 mostly plants had for C.O. sturdy straw disc
 Proch disc

B4510A1-75-6-3, Hill Sel x BBT, 109
 3453 1078
 straw hulls 6 Row

B4512A1-113, Hill Sel x BBT 110
 64 1079
 gold hulls, bad for C.O. disc

B4512A1-4, Hill Sel x BBT 111
 276 sown out of order in 1080
 3 rows are very early, 3 late sure early

- 112 B4512A1-32, Hill del x BBT
 1081 all very early. O.K. 63
- 113 B4512A1-50-3-1, H. 11 Se x BBT
 1082 (N.O. & C.O. resistant BBT in '50) 3571
 H. plot 2s slightly R & C.O. & H.O. straw
 100 like hulls, a good BBT type, watch
 good for crossing, early threshed
- 114 B4512A1-80-1-1 H. 11 Se x BBT
 1083 3 early & 3 late rows 3619
 same as 1080,
 dec
- 115 B4536A1-3-1, R-7689 x Hill med
 1084 Inq. lit. Indian rice 267
 characteristics, many slender grain,
 v. row
- 116 B46-4856-8-22, Rex del
 1085 straw hulls, good, short 229
 sturdy straw, mostly erect
 flags, mid row
 twisted grains at base of heads
- 117 B46-4797-5-1-3. Rogue
 1086 (C.O. resistant & sturdy BBT type in '50) 4822
 seg. type, mid row & late,
 grain too coarse 117
 dec
- 118 B47-3071-5-2, Rex del
 1087 fairly tall, gold hulls, 94
 no value,
 dec
- 119 B322847-12-10, R x F
 1088 V. good, is O.K. This is not 244
 looks like 2BB but has a few grains
 for size, straw hulls
 see this
 plot
 dec

BBT very good in 1950

B46-4248-1-12-3-3 BBT Sel 120
 4922 (C.O. = n, short straw sturdy BBT) 1089
 Short, very sturdy straw, good grain, gold (disc)
 hulls, heads, itching and sturdy straw (seemingly
 BBT mat. Twisted grains at base → yield pl.)

B46-4248-2-10-1-1 BBT Sol. 121
 straw hulls, almost tall 1090
 4926 as BBT poorly filled bobs disc

B46-3046-12-2 K-H x BR (Rogus) 122
 128 Had large leaf blotches in 1950 1091
 Same leaf blotches in 51, v short straw
 an excellent gold hulls med. gr. 6 Row
 v. green straw on 10/15,

B46-3046-12-2-3, K-H x BR (Rogue) 123
 2181 (med. gr. BBT mat. smooth) 1092
 easy to thresh - Watch -
 v. smooth like 1091 but may be sl. taller + 6 row
 later.

B46-45-B47-15, R-SBR x BR 41 124
 127 fairly tall, med heads 1093
 poorly filled, later than BR 6 row
 straw

B4544A1-2-3-13, P-7689 x 8975 125
 5750 (v. short straw, no C.O., TP mat in 50) 1094
 BBT mat, gold hulls, sl. grain, short,
 Al. Indian Patna appearance, poor grain shape disc
 + yield

B4531A2-93-7-2, TP49 x 8975 126
 6017 (shorter straw than Tex, full grain) 1095
 late mat. Segr disc

B4520A1-40-1-2, TP49 x 8975 127
 6124 late TP type in 50 1096
 v. late mat. prob later than H.
 Resoro

- 128 B4534A1-58-1-2 R-7689x(TPxR-7689)
 1097 (Indian growth habit, late v. short stem) 6149
 disc late in 51, sleeker than 1096
 short stem looks good much like
 TP49 late maturity, good grain shape
- 201 B4538A1-2-2-1 R-7689x(TPxR-SRR)
 1098 (v. short stem, v. slender grain) 4550
 v. short stem in 51, erect flaggs
 fairly good, possibly some segs for mat.
 promising.
- 202 B4535A1-29-6-1 R-7689xBBt
 1099 (Excellent tillering, semi spreading habit) 5142
 late mat, may be segs for
 mat, a big plot.
- 203 B455A1-30 BBt(TPxR-SRR)
 1100 another short stem 274
 BBt type, irreg. ht.
 questionable grain shape
 S to C, O.
- 204 B454A1-26 BBt x K-R
 1101 much taller than 1103 96
 prob. no value too tall
- 205 B455A1-30 BBt x (TPxR-SRR)
 1102 gold hulls, rather irreg. ht, 274
 good growth med ht, good
 prob. mixed with 305, much greener
 straw than 1103
- 206 B454A1-24 BBt x K-R
 1103 BBt ht + mat, v. good, easily 277
 threshed, grain prob. more sh. than BBt
- 207 B352A11-2-3-2 K x R
 1104 late mat, v. tall 278

disc

B4512A1-106-1-3, Hill Sel x BBT 208
 3698 (shorter straw than BBT, v. good grain) 1105
 a.v. good short strawed BBT, with a sl. ~~grain~~
 grain, Excellent quality Has C.O. ~~disc~~

B45-2253-11, Hill Sel 209
 241 late maturity, good, Per 1106
 type, looks much like
 Yarrow ~~disc~~

B4511A1-90, Hill Sel (TPxR-SBB) 210
 272 1107
 later than Mira, seg. mat. ~~disc~~

B4511A1-1-5-4, Hill Sel x (TPxR-SBB) 211
 3717 (midseason, v. good) 1108
 BBT mat, v. good straw & grain ~~disc~~
 early fens, but stunted ~~6-row~~

B4511A1-38-1-2, " 212
 3755 (v. short straw grain shorter than) 1109
 (ent. early to midseason)
 med. ht, too much stunted, Early ~~disc~~

B4511A1-62-1-1, " 213
 3783 (v. good short strawed type) 1110
 late mat ~~disc~~

B4511A1-70-3-3, " 214
 3797 late mat. 1111
 6-Row

B46-4257-7-11-1-1, BBT Sel 215
 4933 (short sturdy straw Watch) 1112
 later than Mira, old hills, much
 stunted, short hills, ~~disc~~

216
1113 B46-4257-7-11-1-1, BBT Sel
(like previous plot) 4934
same in 1951

disc

217
1114 B49-4622-1, BBT Sel
(Short straw, no C.O.) 5010
V. short straw, V. green & thick, a BBT
grain but more slightly longer, maybe
due to location Watch

6 Row

218
1115 B49-4626-V " " 5016
(no C.O. V. good)
some segs. more of an 2 BB
grain type, too much similarity

disc

219
1116 B45-2372-6-1-1-2, " " 5068
(looked like BBT grain type)
shorter standing, straw than BBT,
grain looks as slender as BBT, Watch
no C.O., grainer than 1117

6 Row

220
1117 B49-4627, BBT Sel 88
straw hulls, a V good BBT
disc this line has C.O. no only 10

6 Row plot

221
1118 B49-4638 " " 249
a fairly good gold hulled BBT
too many straw heads, too late
pub. disc,

disc

222
1119 B4526A4-4-1, TP49x(TPxR-SBR) 155
Segs. mat & ht, some good
types, mostly late
larger grain than Rex
questionable grain shape

6 Row

223
1120 B4524A1-6-5-1, TP49x(TPxR-SBR) 4654
(V. short straw, midseason to late)
big, mat & ht, P later than Rex
check with next row, may have
better heads than

6 Row

disc

B4524A1-8-4-2, TP49x(TPxR-SBR) 224
 4669 (short straw, much vigor mid to late) 1121 ✓
 sl. later than BBT, not as good as 1124, same
 heads only. 6 Row

B4524A1-24-1-1, TP49x(TPxR-SBR) 225
 4701 1122 ✓
 late mat. Some are awnless. Some
 awnless heads, may be deep for
 maturity 6-Row

B4524A1-37-3-1, " 226 ✓
 4719 (outstanding tillering short erect leaves) 1123 ✓
 very short straw erect flag
 late mat. 6-Row

B4524A1-43-3-2, " 227
 4742 sl. taller possibly later than 1124 ✓
 1125 but V. good, same heads 6-Row
 excellent grain type V. uniform
 probably Am with good grain & head shape

B4526A4-1-1-2, " 228
 4746 (early type) 1125 ✓
 a very good early short stemmed type some
 irregularity of ht. Same heads only. 6 Row

B396B47-5-1-4, SP-SJxR+D 301
 4790 S6Co. watch for H.O. 1126 ✓
 BBT mat, v. tall, check 1930 seed for
 identifi (may be wrong) Considerable HO, 6 row
 (Poor grain texture?)

B4544A1-2-3 R-7687x8975 302 ✓
 287 gold hulls, some segr. BBT 1127 ✓
 mat, long hds, med. ht. disc

B4513A2-16 Hest. x Rens. 303
 279 fairly tall, gold hulls, BBT 1128 ✓
 mat, shorter grain than BBT. disc

- ✓ 304 B459A 3-65 Hill Sel x Rexark
1129 later than mra, fairly short 282
b-Raw stream, gold hulls, erect flag, excellent
Rex grain type and texture, no C.O.
- 305 B347B 44-65 R x R
1130 v. early, Prob reversed 283
✓ with 205
- disc
306 B4513A 1-13-2-1, Hill Sel x Rexark
1131 Prob. O.K. v. early, some 3346
v. irreg. of ht.
disc Prob too tall, disc.
- 307 B4513A 2-12-2-2, " "
1132 Prob. out of order, looks like 3372
✓ C.O. resistant BBT, maybe 207P
b-Raw check original seed & last year performance
may be O.K., grain prob longer than BBT
- ✓ 308 B4511A 1-72-2-3, Hill Sel x (TRR-SER)
1133 (Early large slope type) 3801
disc v. short straw, later than mra, v. good
b-Raw Rex grain type but prob earlier than 7P
- 309 B4511A 1-72-3-3, " "
1134 (mid-season RN grain) 3804
disc Later than mra, bright & mod
many sterile bds.
- 310 B4511A 1-75-1-3, " "
1135 (Heavy to thresh erect flag, sturdy) 3807
✓ (straw, BBT regular, erect grain)
Erect flag but entirely too much
sterility, short straw good tillering, turn of grain
- 311 B4511A 1-87-1-4, " "
1136 (v. short straw, good Patina RN Hampton later) 3823
✓ sl. later than mra
b-Raw short sturdy straw, good Rex
grain type,

Sameac pumilus plot
3825

3/2
1137 ✓

disc

B4511A1-9/-1-2, Hill Sel x (TP x R-SBR) 3/3
3832 (v. short straw, upright flag Watch) 1138
late than Mera

100 lbs

ex exceptionally short stems again in 1951,
grain a little short but very good qual.

B4542A1-2-4-1 R7689 (TP x R-SBR) 3/4

4630 (v. semi: shorter than Cent. Watch) 1139 ✓
to very uniform, prob Cent. mat. and
as almost a med. type. plump.
Watch, disc

BK58 ragged
224 much like BBT
no C.O.

3/5
1140 ✓

disc

B423B44-5-23 BR41-sp x K-7143 3/6
250. a long sl. g. type, much shorter 1141 ✓
than the BBT, 2 in. ht. but
v. good, an excellent grain shape Y row
superior to BBT,

B46-2053-12, R7689 3/7
251 much like Imp BBT but 2 later 1142 ✓
I prob tall, v. good grain.
no advantages over 2 BBT disc

B343B47-18-1, N x K 3/8
252 late, some segs. for mat. 1143 ✓
thruches v. much, v. green stem prob to tall
but has large sturdy culms, Hds a little short
see memo rows

H.O. - 36-1-1 TP49 x B3812A 3/9
6864 some segs. short straw 1144 ✓
BBT mat, v. good grain type, clean
for H.O. 5 to C.O.

✓³²⁰
1145 C.I. 7338, Scented
fairly tall, BBT mat. 112
6 Row good. Cured

✓³²¹
1146 S415 A1-1-6-7-1, 2xN
Taller than BBT, hard to 37
thresh, cannot
use

✓³²²
1147 B4526 A4-4-1-1 TP49 x (TP x R-SBR)
(Shol-stan late) 4748
100 lbs late, mat. same sup. sl.
earlier than Rex, V short stem
easily threshed, good grain
Rex or Sel, Boyt-6
cured, 130
cut 12/25
1 look good V
good

✓³²³
1148 Rex or Sel, Boyt-6
cured, 130
6 Row

✓³²⁴
1149 T Patina 49 (pr culms)
cured, tall 6368
not as heavy yielding as
1150
6 Row

✓³²⁵
1150 B4033 A4-38-1-7
Cured, tall 157
x
dise

✓³²⁶
1151 B403/A1-1-5-2-2, TP x R-SBR
V. short stem, later than 4490
may show hulls, looks like
and Indian sel.

✓³²⁷
1152 B Patina 49, Sel
Earlier than original) p372
20 only sel earlier than other sel.
6 Row

- B4552 41-19-1-1 TP x R-7689 328
 6805 fl. earlier than 7689, leaf 1153 ✓
 habit of India most TP 49, v. good
 telling 5 to CO disc disc
- B48-3388 Hill Pat x Hill Med 401
 242 Rather tall, a med-gr type 1154 ✓
 sl. later than B88, gold hills bron
- B459A1-116-2-1, B11 Sel x Bess 402
 3010 (early v. short straw, long legs) 1155
 v. short straw, earlier than B88
 v. good. disc
- B459A1-115-4-3, " 403
 3006 Taller & sl. later than 1156
 most 459A seeds. disc
- B459A3-54-1-1 " 404
 3019 (short straw, long legs.) 1157
 B88 male, thinner stemmed than
 others, sl. shorter, v. slender grain disc
 v. good
- B459A3-54-3-1, " 405
 3024 v. uni, much like 1157 1158 ✓
 v. good Rex main type, Indian 6 Row
- B459A3-84-2-2 " 406
 3054 sl. later & taller than 1160 1159
 v. good, sl. later than Mura 6-Row ✓
- B459A1-95-16-3 " 407
 3057 uni, v. good, possibly 1160
 use in field runs as a purified Nu
 strain of A1-95

- 408 B4534A1-58-22-1, R7689 (TP R-7689)
 1161 Early mat, v. short stem 6181
 straw hulla, excellent grain
 shape & length, grain shape varies
 disc
- 409 B4530A1-49-1, TP49x Hill Med
 1162 fairly short stem too 42
 many sterile bds, but v. good
 plot,
 disc
- 410 Hill Patna
 1163 v. tall, ~~the much~~ → Has beards 39
 extra
- 411 Hill Patna, Raywood
 1164 over like in no beards; 30
 disc
- 412 B433A2-6-3-12-1, B41-3299x (R-51)
 1165 tall, very lit., little 40
 taller than Hill
 disc
- 413 Cal-47-1358
 1166 early, tall 41
 disc
- 414 Cal-47-1474
 1167 v. short, early, a med. gr, 29
 types,
 disc
- 415 B4044A3-1-14-1, R. SOR / BK
 1168 gold hulla, a long gr 85
 types, correct
 disc

B49-4970, 4975 sel. 4/6
288 straw hicki porc 1169
TH 4975, small, no label disc

B347844-13-44-2, 2 imp BB sel 417
5663 (gold hulled 2 imp BB gram) 1170
BB gram, v. good,
grow with 2 imp BB
6-Ron

B 3 4 7 B 4 4-15	R x N	418
86	good 2BB type	1171
		6-200

BB 97B 44-3, P x W	419
87 good BB type, vial grown	1172
	disc

B45-2442-28-12-4-3, 8975	del 420
5602 straw hulls, - too much sterility.	1173
	<u>disc</u>

122	Hyh Mex 11-47-1-2	421
	O.K. Considerable sterility but good, standing green, better than most Hyh Mex lines	1174
	✓ 1. each threshed.	6 Row

H.O.-91-2-1 TP 49 x B3812A 422
6902 ¹to late mist, TP 49 growth habit 1175
clean for H.O. 6 Row

NO - 444-2-2, TP x B3812A	423
7217 late mat, narrow leaves,	1176
standing better than 1175, no taller	6 Row
in C.O. narrower leaves than	
1175	

424
✓ 1177 C48-8087, green
✓ 6 Row correct, Tall, late 150

425
1178 B48-2054-8-1 R x 7, 89
✓ 6 Row shorter than TP49, much
vigor, erect flops, straw hulls,
excellent grain, watch 154

426
1179 B49-552-5, R x 7689 rogue
disc (Indian type, much vigor) 6656
TP49 but or taller, erect flops
much vigor. Late mat.

427
1180 B46-2053-14-1,
io 8 stalk (narrow leaves v short, v thin straw) 6408
unusually long (L. grain late watch Has green rings straw 49)
very watery looks very big, short straw, sl grain,
(some sep. midseason to late)

428
1181 B34/2 B41-1-2-1, CA x R
✓ 6 Row (Like original, cross with 1st) 4505
correct, Tall, late

501
1182 B459A1-52-1-1, H x R x R
disc 1st 9/19, mostly as late as 31/41
2nd late, may be sowed in same
order, shorter much stiffer straw
than R. Very erect flops, straw hulls, fully
excellent short 3-4 grain

502
1183 Prob 1st. mat, v slender - grain 31/42

503
1184 B459A3-5-1-1 " 31/55
disc (no Cio.) gold buds
no earlier than 1st, v sturdy straw
v. green straw, very grain gold
grain more slender than BBT

B459A3-5-2-1,	Heil Sel. Recask	504
3158	V. early Save heads only	1185 6 row
B459A3-10-3-10	"	505
3185	Sl. mix. lit. minimal 1186 and 87 are much alike much taller than 1184 not as sturdy, strawed 6-Row Have very good Rex grain types	1186
B459A3-13-2-2,	"	506
3197	Ym. lit, very good.	1187 6 Row
B459A3-14-2-1,	"	507
3201	V. uniform, excellent Rex grain BBT to v. mix. mat short straw a more slender grain than any of the other 459A's, as short strong as 1184 not as sturdy	1188 N
B4514A1-49-3-1,	Heil Sel. x TP x R-7689	8975
3878	Too tall	1189 disc
B4515A1-16-1-1,	Heil Sel. x 8975	509
3906	(Shorter straw than RM) (longer grain)	1190
TP mat		disc
B4515A1-6-1-2,	"	510
5772	Straw shells, shorter gr than BBT sturdy, disc	1191 disc
B4544A1-11-2-4,	R-7689 x 8975	511
5823	late 1st hd 9/14	1192
	Too late, later than Rex	disc

512 B4544A1-26-1-3, R-7689X 8975
1193 (Short straw Petua gr.) 5871

disc

513 B4544A1-26-3-2, " "
1194 Are shorter straw than 1193 5878
6-row rather sparse hds, V. good straw
short & sturdy

514 B4544A1-27-1-3
1195 (red flag, V short straw, 2 group) 5884
1st hd 1/14, Rex mat, has very short straw
6-row looks very promising (longer end flag, V good hds)

515 High Mix 11-47-11-1-2, Early Short-gr bulk
1196 2295
6-row

516 High Mix 11-47-11-2-1 " "
1197 2297
disc, like 1196

517 High Mix 11-47-6, Ell grain Bulk
1198 & structure, rough & smooth 171
disc. Is in bushy mass.

518 High Mix 12-47-6-2, Late flag Bulk
1199 more sterile heads than 1200 124
6-row leaning to 10/17. Stood up much
longer than other more typical Jap
types

519 High Mix 11-47-1-2-2, " "
1200 standing very well, rather 2282
6-row tip erect, possibly higher culms
than some, neither 1199 nor 1200
as long appearing as other culms that are lodged
Is still standing O.K. on 10/7
Panic still peduncle. Early threshed

at base, excellent straw, water

all 3 are a little different

High mix 11-47-2-2-2, Early Short grain	520	
2285 Tallest & latest, more lodging, also the heaviest for yield in appearance	1201	✓
A mixture present. Sand smooth only	(4 Pen Sand)	
High mix 11-47-4-1-2,	521	
2288 Standing very erect	1202	
looks much like Calhoun for grain type	disc	
Disc. too hard to thresh		
B 3412 B 41-1, C x R	522	
125 medium late	1203	
Same as 1180	3 Row	
B 3 43 B 47-18-3-1, N x R	523	
6423 late	1204	
a very good Rex type, no C.D., 1 green straw, easily threshed, fairly tall, good Rex grain, open, sparse panicle	6 Row	
B 343 B 47-18-18-1-5, N x R	524	
6438 (Typical Jap straw, narrow leaves) slender grain good for Calif	1205	
a mixture, much segs.	disc	
Prox & Red Rib hybrid	see more	
B 43-280-1-3-1-1, T. Patina del	525	
6596 late, prob save this line for field plots	1206	
use in field plots	Ho-3	
B 43-280-1-3-1-2,	526	
6597 taller than 1206, less tillering	1207	
	disc	
B 43-280-1-3-3-1,	527	
6598 later than other's	1208	
possibly save this line for F plots	6 Row	

528 B46-9069-5-5-3, T. Patna sel
 1209 prob. dwarf T. Phib, v. short 6607
 brown straw late mat,

601 B459A3-14-3-1, Hill Sel x Rexark
 1210 3203
 v. early

602 B459A3-31-1-1, "
 1211 v. early 3234

603 B459A3-43-2-1, "
 1212 T. P. mat, good straw, 3272
 fairly short straw, v. slender grain

604 B459A1-86-1-1, "
 1213 (med-gr. type, short sturdy straw) 3297
 min. mat, prob. disc,

605 B459A1-87-1-2, "
 1214 (T. P. type, mod. C. O.) 3299
 v. late, not headed on 9/18

606 B459A1-95-1-2, "
 1215 Use this strain in 1952, 3303
 min. ht, v. good,

607 B459A1-95-9-3
 1216 B459A1-95-9-3 3311
 B459A1-95-9-3
 disc

B4531A2-91-5-3, TP49 x RN 608
5918 1217
late mat.

B4519A1-47, TP x R-7689 x B 609
237 1218
sh. grain, good, (BBT-mia mat.)

B4519A1-47-1-1, TP49 x R 610
2986 1219
taller than 1223, a fuller grain, good.

B4524A1-1-1-2, TP49 x (TP x R-SP) 611
4633 1220
Taller & later than 1223

B4526A5-1-1-1, (TP x R-7689) x (TP x R-SP) 612
4771 1221
med-gr looks like SP-SJ x R-D

B4526A5-1-1-3 613
4773 (laying gr. full as BBT, med grain) 1222
Tally & later than 1223, BBT mat. disc
flat grain

B4530A1-36-2-1, TP49 x Hill Med 614
2790 v. short straw, excellent texture 1223
fuller gr. than Cent. Prob. earlier than BBT
Hut may not be as early as Ant
endity is still excellent on 10/17
High Mix 11-49-19, 615
2322 (Short gr. type, no C.O. late) 1224
10A bx 9/14 disc
see memo

- 616 B4564A4-35-5-2, Brum x Z
1225 (may be too tall) 2636
disc, straw too weak
- 617 Unknown glutinous
1226 Is one of the upland varieties 2498
out of order or K x 7143 flat-gr
type (see 1141)
- 618 B47-4393-11-1, glut Natl Cr.
1227 purple hulls, dyspnea 2575
good to cross with full gr.
- 619 B47-4385-87-3-1, glut Natl Cr.
1228 2583
late, rough gap, yellowish green good,
glutinous, hard to thresh
- 620 B396B47+3-1-2, SP-SJ x R-D
1229 4779
disc. See
disc. min.
- 621 B4112A5-5-1, Sm BR - BR 4
1230 109
disc
- 622 B46-2069-5-4, T. Patna Sel
1231 V. short straw, (dwarf) 6610
disc. No
any other line
same as 1209
- 623 B324B49-7, R x 5094
1232 full hd 9/19, short straw 6631
disc. See
disc. min.

- B47-5002-1 Karang seranghel 624
 148 Beards, v. long sh. grain 1233
 disc
 see mure
- B47-4980-3-1-1, Karang seranghel 625
 6708 (v. long gr. gold. no aurns) 1234
 full rpe 9/16, mure mat, disc see
 no aurns smooth, saw hds. mure,
- B47-4963-6-1-1, " 626
 6741 (Excellent straw; v. long gr) 1235
 short stemmed type; v. long grain golden HA
 prob. Rex mat
- B47-4954, Karang serang 627
 147 v. tall full hd 9/20, sm no 1236
 aurns, prob. Rex mat, disc

Panicle Sel for Pure Seed for

101	Early Prolific 8½ lbs	361
102 x	Lacross-250 6 lbs	362
103 x	Zenith 7½ lbs	363
104	B431/A2-23-1-1, Sm BR-BP4 x 8323-Z	364
201	Magnolia 7½ lbs	365
202 x	Prelude 6 lbs	366
203	B45-15-5-10, Hill Mod x R 7½ lbs.	367
204 x	Rexark 6½ lbs.	368

(12-Row plots to 94
12 pumils)

Field Plots in 1952

370	Hill Patna 10 lbs.	301
372	C 4-II-1-8, R x BR-R Badly lodged on 9/19, others standing OK. 8 lbs.	302
374	B 403/A 1-24-1-2	303
375	Nira 7 lbs	304
376	T. Fortuna slightly lodged on 9/19 9 lbs	401
377	B 47-3743, B 8t. Sel.	402
395	C 48-4139, Dm. T Pat. Natl Gr 7 lbs	403
382	Caloro 8 lbs	404

12-row plots from 12 families

501 x Blue Rose

8 lbs

383

502 Calrose

9 lbs

384

503 B4112A5-5-1, Sm BR x BR41

8 $\frac{1}{2}$ lbs

385

504 C6-I-25-12, BR x BR-R

7 lbs

386

601 B403/A1-1-13-1-12

6 $\frac{1}{2}$ lbs

387

602 B438A1-10.4-4

8 lbs.

388

603 B43-280-1-3, T. Patna Sel

1/2 segregating, get new seed
from brown plots.
Saved panicles from a single row.

390

604 C.I. 8343, R x D

6 $\frac{1}{2}$ lbs.

391

9 Row Plots from 9 panels 95

115 B4045B 44-8-17-15 1433
disc

9 B45-15-5-10-2, Hill Med x 7/26
disc
see 203

21 B433A1-4-7 1439
Exceptionally bad for
(fusarium?) good to use as a
pure variety (maybe H.O.) disc

29 Calif - 47-1474 1442
disc

30 B45-15-1-8-2-1 1445
disc

180 B45-15-1-3-5-1 1448
listed as early threshed
Same as 1011
Row 6 rows
9/20

186 B456A2-11-3, Brumley x 1451
listed as early threshed
not taller than most

194 B459A1-117-1, Hill del x 1454
outstanding in 1950 but sign for grain length

1457 B403/A1-1-1-2,
prob lat. Cent
later than Cent 52 211

1460 Original Century 213

1463 B4530A1-64-2, TP49 x Hail med
156

1464 Salt water Sels.

1533 Hyb mix - 8-47-12, TP, R-S, SR
55

~~uniform form~~
too tall

1536 B459A1-95-9, Hail Sel x Bunk
74

numerous straw-belled
segs. throughout plate uniform
good

1539 B459A3-54, " 84

some ^{more} for lot of med.
of seed

1542 B49-4623, SR x sel 88

uniform

93 B46-4248-1-12-3 BBT sel 1545

uniform

219 B403/A1-11-6-1, TPxR-SBR 1548

Uniform

275 B455B2-11-2, BBTx(TP x R-SBR) 1551

variation in
let of plant

leaf

leaf

that plant

saved from
row 10/12/51

1554

282

118 B4559A1-102-2, Brunel x BR 1557

124 High mix 12-47-6-2, Label 1560

156 B4530A1-64-2, TP49x (High Mix) 1563

6 rows here + 2 on 1463.

Crossed seeds, sown
May 22, and treated

HT 5/29
in CM

513A Cent x SPI-180, 060	1	0
514A Cent x BG, Var T-1	2	7
	3	5½
	4	0
	5	2
	6	0
515A "	7	0
	8	0
516A Cent. x c.I. 8150	9	5½
	10	0
✓ 517A Cent. x (HillSci - BBT)	11	0
	12	1
✓	13	5
5111A Cent x Cuban	14	9½
	15	7
	16	5
	17	7
✓ 5112A BBT x Cuban	18	2½
	19	6
	20	2½
✓ 5116A Cent x (HillSci - BBT)	21	5
gled	22	4
	23	½
	24	3
5117A " "	25	0
check	26	3½
straw	27	1
	28	1
	29	0
	30	1
	31	0
	32	1

with Arasan

BBT x (Hill Sel - BBT) B5118A

33

0

✓

34

4

35

4

36

4

BBT x Roxark 5119A

37

0

Imp BBT x Cuban 5120A

38

4½

✓

39

7

Bl. Rose x Cuban 5121A

40

2½

✓

41

0

42

0

43

0

Imp BBT x SPI 5123A
180,060

44

0

✓

45

0

46

0

47

½

48

1

49

Emerging

50

Emerging

51

0

52

1

Zen. x SPI. 180,060 5124A

53

0

✓

54

0

55

0

56

emerging

Hill Mod Sel x Bruin-2) 5126A

57

0

58

0

X

Hill Mod Sel. 5128A

59

1½

✓

B45-15-1-8-2-1

60

0

61

0

62

½

BBT x C.T. 6018 5129A

63

0

64

4½

✓

65

6

66

0

67

0

5130A 68 BBt x C.I. 6037

5131A 69 BBt x C.I. 6011

70

71

72

73

74

75

76

5132A 77 BBt x (Hill Sel x Rorant)

78

5134A 79 BBt x R.G. Van-T;1

5136A 80 TP49 x Cuban

511A ♀ 81 Century Parent

Cent 82

83

512A ♀ 84 Century Parent

Cent

85

86

Ht
5/29
(C. M.)
3½

✓

4
5
0
0
0
0
0
0

✓

4
3½

✓

4½

✓

0

17 rows^{all}
all gold, segs, rough & smooth
cent x 6850
506A

2 rows all straw + gold
2 rows all gold
505A

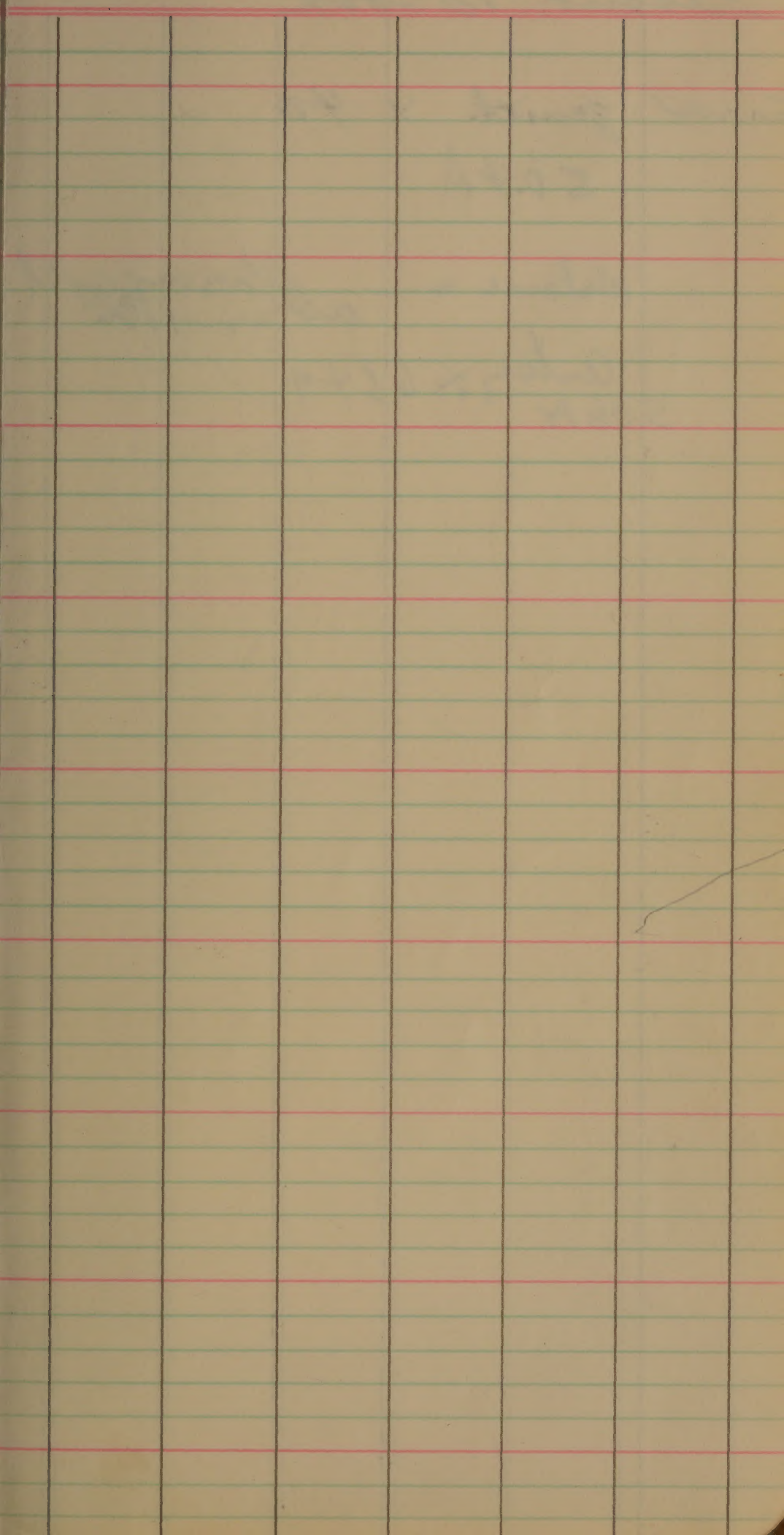
6 rows
genith x BBT'
503A

2 rows
segs straw + gold
all smooth, many
steriles

3 rows (507 BBT x 6850)
507A

10 rows all straw

2 rows



Second Block

5 rows Zenith x 40

504A

Balance = Shams gold
all smooth

Antony x 6849
506A

287 rows in 40 rows

574

plots to NW in 6 Row lines
x 10 82 stem still V green on 10/10
x 11 0.5 B&B type
x 11 33 mud late Paton with
v. short stem
x 1184
x 1188

x 1205 turned (Red)
x 1206
x 1215
x 1227
x 1235

Harvest after 10/18/51

1147
1182
1204

cleanest rows in field + gr B with
good agronomic characters

5692 late 1 mi

5795 late

5793

Use 5461 et al in crossing for
V short straw. Is late, cross
with Century, etc

Crosses to make in 1952

5231 with cent, ^{SPD} Rex, etc

5238 with High Mex (Jap) sel

5239 " cent, Rex SPD, etc

5251 " " " " " "

Harvest from 6 Row plots (after 10/17)

1147 late

1235x

1182 late

1227x

1184 mid *

~~1227x~~

1188 mid *

1204 late for milling

1205 and brown (Red Rice) *

1206 *

5693

5703

5835

100 lbs

5853

5865

5899 out row and lbs try in yield plot

5903 100 lbs

5905

5929

5945

5965 best H.O. history
use for crosses B30 mat and
main type

5973 - Best for H.O. history good gr.
type + v green stem for Cross

recheck 5985 + 87 is very late

5991 grow in yield plot (was sent to Japan)

5995 recheck acct late

6007 adv & use in crosses. One
of the outstanding for growth
habit, yield and v. green stem

6037

6039 v late recheck

6041

43

N. M. Beachell

P. O. Box 2967

Beaumont, Texas

4 pl - 1.5
3 plots = 2
2 " = 3
1 " = 6

If this notebook is lost will finder please mail to:

U. S. DEPARTMENT OF AGRICULTURE

Bureau of Plant Industry, Soils, and
Agricultural Engineering,

Division of ^{Cereal}~~Cotton and Other Fiber~~ Crops
and Diseases

Washington 25, D. C.

SUGGESTIONS CONCERNING FIELD DATA AND NOTES

DIVISION OF COTTON AND OTHER FIBER CROPS AND DISEASES

It is suggested that the following general information be recorded for each field experiment:

1. Name of experiment or study.
2. Soil type.
3. Previous crops and fertilizers (2 years).
4. Preparation of land: (a) Methods (b) Dates
5. Size of plot:
(a) Area in square feet (b) Number of rows
(c) Length of rows (d) Width of rows
6. Fertilizer:
(b) Analysis (N-P-K) (a) Pounds per acre
(d) Method of application (c) Time of application
(e) Side dressings
7. Planting: (a) Date (b) Rate (c) Method
8. Thinning: (a) Date (b) Method (c) Approximate optimum spacing attempted
9. Cultivation: (a) Implements used (b) Dates
10. Dates at which all notes and samples are taken.
11. Dates of pickings.

The following suggestions are made in regard to recording data:

1. Record all dates as figures, giving the month and day of month, as 5/16 (May 16).
2. Record all field weights in pounds and decimal fractions of pounds. The requisite accuracy depends somewhat on the size of sample, but for ordinary size plots 0.1 pound is usually satisfactory. It is suggested that small samples be weighed more accurately (0.01 pound).
3. Estimations, such as seeding vigor, shedding, color, etc., may be recorded either numerically or with letter designations, as is found convenient; for example (seeding vigor), 1=Excellent, 2=Good, 3=Medium, 4=Fair, and 5=Poor; or E=Excellent, G=Good, M=Medium, F=Fair, and P=Poor. An explanation of legends should be recorded for each variable and experiment.
4. Diseases and insect pests.
(a) GENERAL.—Attack by diseases or insect pests should be recorded by suitable legends to indicate type of disease or pest, percent of plants killed or affected, and in serious attacks, estimating crop loss. For example, FW *5/35-7. (Footnote* Fusarium wilt 5 percent plants killed, 35 percent affected, 7 percent loss estimated).
(b) SPECIAL.—Where the book is used for taking notes on regional field tests on disease resistance, treatments, etc., it is suggested that directions which are furnished for taking uniform data be pasted, or copied, in the front of the book.
5. Diagram, to scale, the block on which each experiment is conducted, showing visible soil differences, variable plant response attributable to soil differences, drainage, or unequal irrigation, slope of land or contours, and any other features which may materially assist in interpreting the results. The square ruled paper in the front of the book may be found useful for this purpose.
6. Explain clearly all legends used.
7. Identify all experiments as to location on blocks and YEAR.

For types of experiments for which this book does not provide ample page space, larger sheets should be utilized. In taking data, which are to be reported in this book, or on larger sheets especially provided, the field or laboratory determination should be written directly at the time of weighing or otherwise determining, and submitted to Washington, or filed as the permanent record. Avoid all possible transcribing or typing of raw data.

Sown April 10-12 Series 1 April 10 Series, 3 & 4
a well prepared seedbed was obtained; all
Six pounds of seed was sown for
than enough seed. The D series from 195.
Head Row seed was available on a new
The seed used was ~~treated~~^{fumigated} with
before seeding. Some injury to germ
Guard seed was not fumigated due
seedlings had emerged all guard rows
to possibly contr

Drill was set with mark on extreme
seeding order of series 3 and 4 may have
1st emergence April 23; full
flushed plots April 17; Had been sown
probably occurred from soil moisture,
started flooding field plots April 30;

pub 11, and series 2, April 11, except group 3 which was sown 4/11.
plots were cultipacked following seeding.
seeding plots and this was more
test was used for seed except where
variety was added to test.

Methyl Bromide about a month
injection was observed from the treatment,
to an error but on April 30 after
were sprinkled with a solution of
nematode.

left of calibrating rod just visible,
been reversed in seeding. check later.
emergence April 28.
in a slightly moist seed bed so some germination

Drained May 21

Fifth date seeding sown
 Thurs July 12, 1. flushed July 12
 1st emerged July 16
 Full " July

Fourth date, irrigated July 3rd
 drained July 10.

white Tip: Fert. land
 0 = none

T = One or very few plants affected
 1 = less than 10% " "
 2 = at least 25% " "
 3 = over 25% " "
 4 = Practically all " "
 5 " " leaves "

Photography 7/27/51

1. movie of 1st date seeding
2. Black & white of cut & zenith in 1st & 2nd do
3. Kodachrome of same
4. Black & white of repl 2 of salt water tanks
5. movies of salt water
6. movies & black & white of 5th date seeding
7. movie and black & white of field plots.

Photos 7/30/50 Kodachrome & Black & white

1. goldens group 1 2 shots

2 2 2 shots

3 3

4 4

5 5

6 6

7 7

8 8

9 Field plots gr 1

10 2

11 3

12 4

13 5

14 1st date seeding (2 Kodachromes) 1 B & white

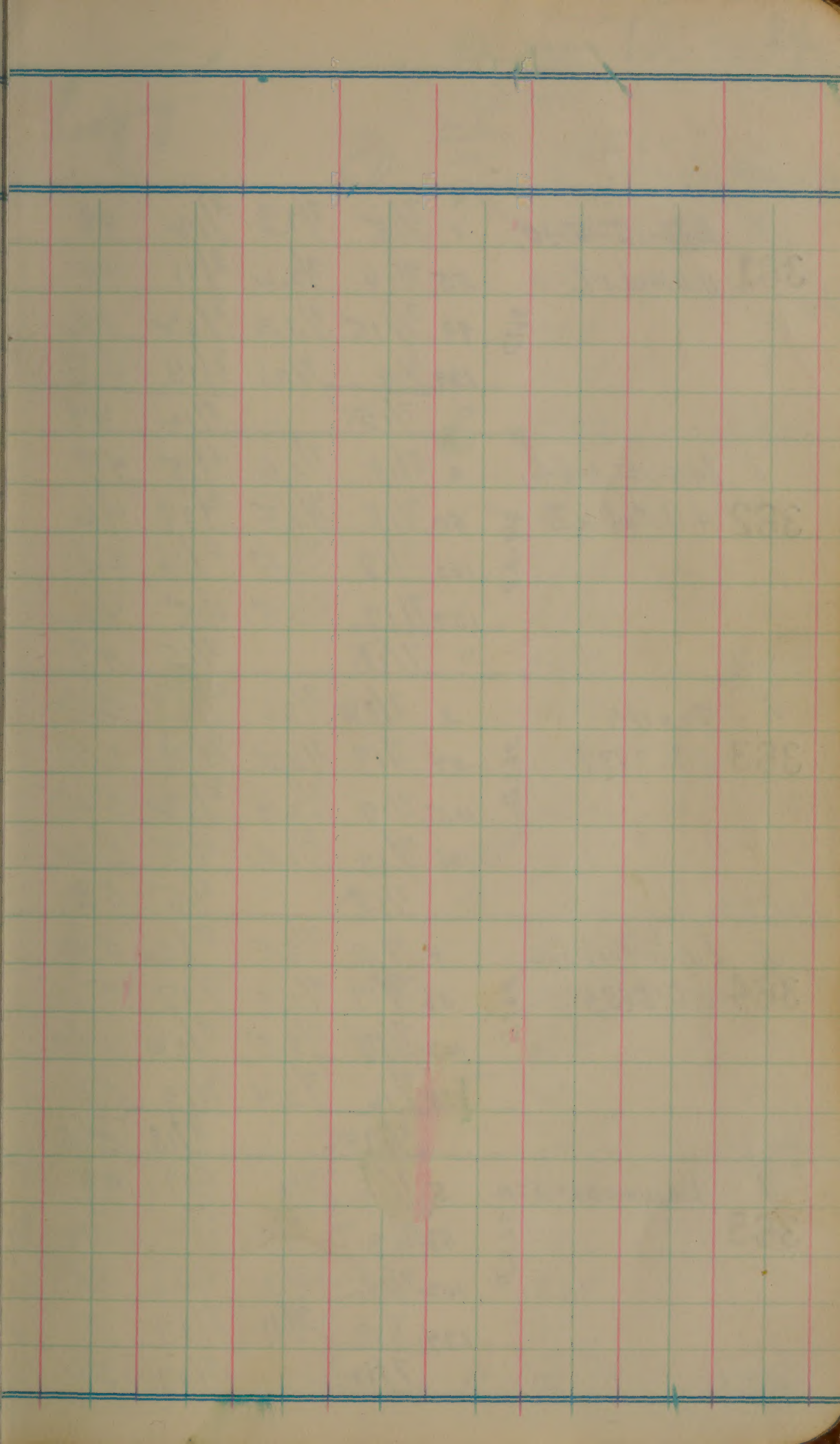
15 2nd " " 2 black & white
black & white of 1st date (2nd shot)

16 3rd " "

3 Kodachromes of various date seeding

4 B & W of various date seeding

Photograph of 167, 171 et al
taken 8/29/58 by L. E. Stagg



1 89-21

No.

✓	B-15-5-10,	1	7/15	7/23	8/12	48
361	Hill Med x Z	55	7/14	7/22	8/11	48
		99	7/15	7/23	8/12	46
		139	7/14	7/21	8/13	47
			7/15		8/12	47

361D

✓	B45-15-1-8-6,	2	7/18	7/26	8/15	47
362	Hill Med x Z	50	7/18	7/25	8/14	46
		100	7/18	7/25	8/16	48
		137	7/17	7/25	8/15	46
			7/18		8/15	47

49-28

✓	Zenith	3	7/19	7/26	8/16	53
363	C.I. 7787	54	7/17	7/25	8/14	53
		105	7/17	7/24	8/12	54
		136	7/17	7/25	8/15	52
			7/18		8/15	53

363D

✓	Early Prolifc	4	7/18	7/25	8/20	56
364	C.I. 5883	56	7/17	7/24	8/17	56
		103	7/17	7/25	8/16	55
		138	7/16	7/24	8/19	56
			7/17		8/18	56

361D

✓	Kacross-250	5	7/19	8/3	8/27	49
365		52	7/18	8/3	8/27	48
		102	7/18	8/3	8/27	51
		134	7/18	8/11	8/27	50
			7/18		8/27	50

362D

Lodging

CO

WT

0

0

0

0

0

T

0

0

0

0

0

T

0

40⁹⁴

20

60

10

33

MS

0

50

30

40

15

T

33

MS

T

0

0

0

0

0

R

0

5/28/51

good

T-G

no lodging, some sterility in straw
stack died

excl

V.T.-G. taller than Century

good

MT-G

1st best
April

VT-G

excl appears to be safe for maturity

M-G (light color, wide leaves)

Calc. dry wt at 13.5% moisture
wt in lbs x % dry matter

4

86.5' (uncorrected) = 1.15607
Total wt x 17.75 = # open Ae

86.10							
13.90	33.837	39.3	41.8	39.1			
86.10							
13.90	30.135	35.0	37.8	34.8			
86.40							
13.60	34.387	39.8	42.5	39.8			
86.5							
13.50	33.303	38.5	40.8	38.5			
					152.2		2702
86.25							
13.75	31.050	36.0	40.0	35.9			
86.10							
13.90	40.037	46.5	48.0	46.3			
86.70							
13.30	45.619	34.3	38.3	52.7			
86.20							
13.70	36.678	42.5	46.3	42.4			
					177.3		3147
86.40							
13.60	41.299	47.8	49.8	47.7			
86.70							
13.30	38.582	44.5	47.3	44.6			
86.40							
13.60	40.608	47.0	49.8	46.9			
86.90							
13.10	42.147	48.5	50.5	48.7			
					187.9		3335
86.10							
13.90	37.454	43.5	45.8	43.3			
86.40							
13.60	37.584	43.5	45.8	43.4			
86.10							
13.90	37.884	44.0	46.8	43.8			
86.30							
13.70	42.719	49.5	53.0	49.4			
					179.9		3193
87.20							
12.80	27.730	31.8	36.0	32.1			
88.20							
11.80	29.547	33.5	37.3	34.2			
86.40							
13.60	28.339	32.8	35.5	32.8			
87.30							
12.70	32.563	37.3	42.3	37.6			
					136.7		2426

✓	Magnolia	6	7/16	7/25	8/15	54
366	C.F. 8318	51	7/17	7/24	8/13	54
		101	7/16	7/24	8/14	53
		140	7/16	7/24	8/14	55
			7/16		8/14	54

365 D

✓	B4311A2-23-1-1,	7	7/14	7/22	8/11	49
367	Sm BR - BR4Xx	53	7/13	7/23	8/10	46
	8323-Z	104	7/13	7/20	8/9	48
		135	7/13	7/21	8/12	48
			7/13		8/11	48

364 D

✓	Calif-47-1470	22	7/17	7/22	8/16	45
368		36	7/20	7/25	8/15	48
		95	7/18	7/23	8/14	47
		111	7/17	7/24	8/15	47
			7/18		8/15	47

52 guard

✓	C48-4139	23	8/12	8/12	9/1	46
369	Dw. T. Pat Natl. Cr.	41	8/12	8/12	9/1	49
		96	8/1	8/12	9/1	49
		108	7/30	8/12	9/1	50
			8/1		9/1	49

395 D

ldgg

WT

6

0

T

1090

0-10

~~9~~ T
~~OR~~ T

0

T

5

0

0-5

has been ripe
when storm hit

~~9~~ T
T 0

0

0

0

0

0

90

100

95

100

96

0

T

MR 0-T

S 0

$v_{avg} = 5/7$

good some lodging 9/18

VT-G

Large lodging 8/18 in stream
stock area

Top heat
Exire

V.T.-G. (one of tallest, narrow houses)

Expt

M-G

Sept 3. 2nd lot
vignette plot

Has a much darker green
color than return also on $\frac{4}{6} + \frac{7}{28}$
a few v. early plants, full bud $\frac{25}{25} - \frac{7}{6}$

fair (very good plot, no C.O. to speak of).

M-G under lines than others
 ripened slow due to early draining of
 plot in all probability, lodged parts
 were flat.

X

86.90					
13.10	40.669	46.8	50.0	47.0	
86.80					
13.20	44.702	51.5	54.0	51.7	
87.05					
12.95	44.396	51.0	54.0	51.3	
87.45					
12.55	39.178	44.8	46.5	45.3	
				<u>195.3</u>	3467

87.15					
12.85	32.681	37.5	40.0	37.8	
86.90					
13.10	34.326	39.5	42.5	39.7	
86.75					
13.25	29.929	34.5	37.0	34.6	
87.15					
12.85	39.218	45.0	48.0	45.3	
				<u>157.4</u>	2794

86.40					
13.60	39.312	45.5	49.3	45.4	
86.40					
13.60	41.299	47.8	50.5	47.7	
86.40					
13.60	42.595	49.3	53.0	49.2	
86.40					
13.60	40.435	46.8	51.5	46.7	
				<u>189.0</u>	3355

87.70					
12.30	38.588	44.0	46.0	44.6	
88.05					
11.95	41.207	46.8	48.5	47.6	
88.20					
11.80	42.160	47.8	50.0	48.7	
87.60					
12.40	42.486	48.5	51.0	49.1	
				<u>190.0</u>	3373

✓ 370	Rexark C.I. 8644	368D	24	$7/21$	$8/4$		51
			37	$7/24$	$8/8$	$8/26$	51
			92	$7/24$	$8/7$	$8/26$	52
			112	$7/24$	$8/4$	$8/27$	54
				$7/24$		$8/26$	52
✓ 371	C4-II-1-8, R x BR-R	372D	25	$7/29$	$8/6$		60
			38	$7/29$	$8/9$	$8/26$	57
			93	$7/29$	$8/8$		59
			107	$7/27$	$8/6$	$8/27$	60
				$7/29$		$8/27$	59
✓ 372	Bluebonnet 50	Hd Row	26	$7/28$	$8/7$	$8/28$	50
			39	$7/29$	$8/8$	$8/27$	51
			97	$7/28$	$8/9$	$8/26$	51
			106	$7/28$	$8/7$	$8/26$	50
				$7/28$		$8/27$	51
373	Century 231	Hd Row	27	$7/18$	$7/24$	$8/17$	49
			40	$7/20$	$7/25$	$8/17$	50
			98	$7/20$	$7/25$	$8/17$	49
			109	$7/19$	$7/24$	$8/16$	51
				$7/19$		$8/17$	50
374	Century 52	Hd Row	28	$7/26$	$8/5$		51
			42	$7/26$	$8/4$	$8/25$	50
			94	$7/27$	$8/4$	$8/26$	52
			110	$7/24$	$8/3$	$8/26$	50
				$7/26$		$8/26$	51

0	
0	
0	
15	
0-15	MR T

20	
70	
15	
5	
29	MS 0

0	
0	
0	
0	
0	MS 0

0	
0	
0	
0	
0	MR 0

0	
0	
0	
0	
0	T
0	MR T

5/28/51

MT-711-1

fair
3rd regis
has 4 thm
stand on
1st 2 regis
or more
with 1st
split.

MT-9

all Rusk plots are irreg in mat but D s

fair

General much taller than Bkt on 7/26
very long leaves, drooping leaves
T-M leaves longer than 2mp Bkt.

Excl

M-G

Excl

MT-VG (very narrow leaves)

Excl

MT-VG

X

85.60						
14.40	43.228	50.5	52.5	50.0		
86.40						
13.60	42.163	48.8	51.0	48.7		3516
86.10						
13.90	40.725	47.3	50.0	47.1		
86.10						
13.90	45.203	52.5	56.0	52.3		
				198.1		
86.40						
13.60	43.632	50.5	52.3	50.4		
86.40						
13.60	43.200	50.0	52.3	49.9		
86.90						
13.10	46.926	54.0	56.3	54.2		
86.60						
13.40	45.465	52.5	55.8	52.6		
				207.1		3676
86.10						
13.90	41.759	48.5	51.0	48.3		
85.85						
14.15	40.607	47.3	50.0	46.9		
86.20						
13.80	48.531	56.3	58.8	56.1		
86.20						
13.80	45.514	52.8	55.0	52.6		
				203.9		3619
86.15						
13.85	46.952	54.5	56.5	54.3		
86.15						
13.85	45.229	52.5	54.5	52.3		
86.60						
13.40	49.362	57.0	59.0	57.1		
86.40						
13.60	50.099	60.3	62.8	57.9		
				221.6		3933
85.40						
14.60	47.226	55.3	58.3	54.6		
85.85						
14.15	48.076	56.0	57.5	55.6		
86.10						
13.90	45.203	52.5	55.3	52.3		
86.25						
13.75	47.696	55.3	57.5	55.1		
				217.6		3862

✓ Nira
375 C.I. 2702

375 D	8	8/4	8/16	9/4	61	9/8
	66	8/4	8/14	9/4	60	9/17
	73	8/4	8/14	9/4	61	9/12
	121	8/2	8/13	9/3	62	9/7
		8/4		9/4	61	

✓ B47-3743,
376 B.Bt. Sel.

377 D	9	8/3	8/15	9/5	50	9/8
	69	8/4	8/12	9/5	51	9/12
	76	8/4	8/12	9/3	52	9/12
	120	8/2	8/12	9/3	53	9/7
		8/3		9/4	52	

377 Bluebonnet
C.I. 8322

Hd Row	10	7/27	8/8	8/27	52	9/8
	64	7/29	8/8	8/29	56	9/17
	74	7/28	8/9	8/29	56	9/12
	123	7/26	8/5	8/28	58	9/7
		7/28		8/28	56	

✓ T. Fortuna
378 C.I. 1344

376 D	11	7/31	8/12	9/1	53	9/12
	68	7/29	8/11	8/31	56	9/17
	71	7/31	8/12	8/31	54	9/17
	124	7/29	8/11	8/30	56	9/7
		7/30		8/31	55	

✓ RN
379 C.I. 8975

Hd Row	12	8/2	8/14	9/2	52	9/11
	65	8/2	8/13	9/1	54	9/17
	75	8/1	8/12	9/1	53	9/12
	122	7/31	8/11	8/30	53	9/7
		8/1		9/1	53	

10

60

90

55

54

R

0

0

5

0

55

5

R

0

16

0

15

0

50

40

MS

0

26

0

25

60

80

60

MS

0

61

0

5

15

65

5

R

0

23

0

good T-M

good (a more erect growth habit than drip)
and darker green color of B&T 7/26
T-G

good

M-G

not as flat as others in 3rd & in
4th not flat but leaning badly
all these plots.

100% erect
axial

T-VG

is leaning in 4th but worse
than B&T

good

MT-G

88.90							
11.10	32.893	37.0	39.3	38.0			
88.55							
11.45	37.457	42.3	43.8	43.3			
88.35							
11.65	41.525	47.0	48.5	48.0			
86.95							
13.05	43.040	49.5	52.0	49.8			
				179.1			3179
88.60							
11.40	35.883	40.5	43.3	41.5			
87.70							
12.30	49.989	57.0	60.0	57.8			
88.20							
11.80	47.893	54.3	55.8	55.4			
87.15							
12.85	49.676	57.0	59.5	57.4			
				212.1			3765
88.35							
11.65	39.758	45.0	47.5	46.0			
88.55							
11.45	41.176	46.5	47.5	47.6			
88.20							
11.80	44.365	50.3	55.0	51.3			
87.15							
12.85	46.625	53.5	57.0	53.9			
				198.8			3529
88.70							
11.30	37.964	42.8	45.0	43.9			
88.70							
11.30	39.915	45.0	46.5	46.1			
88.50							
11.50	48.233	54.5	56.0	55.8			
87.40							
12.60	47.633	54.5	56.0	55.1			
				200.9			3566
88.90							
11.10	40.005	45.0	46.5	46.2			
88.70							
11.30	46.124	52.0	54.0	53.8			
88.90							
11.10	46.228	52.0	53.5	53.4			
89.50							
12.50	45.325	51.8	53.8	52.4			
				205.3			3644

✓ B46-4799	13	8/1	8/10	8/28	49	9/1
380 <i>Rogue</i>	70	7/30	8/10	8/30	48	9/12
	72	7/30	8/10	8/29	48	9/12
	126	7/29	8/9	8/28	52	9/1
		7/30		8/29	49	

Hd Row

381 *Imp. Bkt*
Drains Relined
 387D

Hd Row

14	8/3	8/14	9/2	52	9/19
67	8/1	8/12	9/1	53	9/1
77	8/3	8/12	9/2		9/1
125	7/30	8/11	9/2	53	9/18
	8/2		9/2	53	

Hv 10/1 and

except Caloro + Calone

✓ C6-I-25-12,	15	8/17	8/21	9/26	59
382 BR* BR-R	45		8/23	9/26	57
	85		8/25	9/26	56
	128	8/15	8/21	9/26	57
		8/16		9/26	57

386D

✓ B41N2A5-5-1,
 383 Sm BR* BR41

385D

21	8/13	8/22	9/24	56
43	8/11	8/23	9/26	59
89	8/12	8/24	9/26	56
130	8/12	8/22	9/25	56
	8/12		9/25	57

0	
0	
50	
0	0
13	MS 0

0	
5	
50	
10	0
16	R 0

0	R	1
0		T
0		T
0		1
0	R	T-1
sl	R	T
15		T
0		T
sl		T
0-15	R	T-1

good.

M-VG

standing, straight in 4th

Excl

MT-VG

much better than BBT in 4th
most of plot is straight up

Excl

VT-G

Excl

T-G.

weaker strawed than BK or C6-I,

✓	Calrose	384 D	20 17	7/24	8/4	9/2	47	9/1
384			44	7/25	8/7	9/2	48	9/1
			88	7/26	8/6	9/2	48	9/1
			133	7/25	8/4	9/1	47	9/1
				7/25		9/2	48	

✓	Caloro	382 D	19 18	8/3	8/12	9/7	49	9/1
385	C.I. 1561-1		46	7/31	8/10	9/8	49	9/1
			86	8/3	8/11	9/7	49	9/1
			132	8/2	8/12	9/7	49	9/1
				8/2		9/7	49	

✓	B438A1-104-4,	ML Row	18 17	8/16	8/25	9/26	49	
386	Sm BR - BR 41x		49	8/15	8/24	9/25	53	
	8326		90	8/17	8/24	9/26	50	
			131	8/14	8/23	9/24	50	
				8/16		9/25	51	

✓	B403/A1-1-13-1-12,	387 D	17 20	8/25	9/3	9/25	51	
387	TPx R-S BR		48	8/24	9/3	9/25	50	
			91	8/25	9/3	9/27	52	
			127	8/22	9/1	9/23	51	
				8/24		9/25	51	

✓	Blue Rose	383 D	16 17	8/15	8/18	9/24	60	
388	C.I. 1962		47	8/13	8/21	9/23	59	
			87	8/13	8/22	9/26	57	
			129	8/11	8/21	9/23	58	
				8/13		9/24	59	

35
 $\frac{7}{12}$

ln badly	MR	T
ln		T
o		
ln badly		
o-ln	MR	T
ln badly	MR	T
ln		0
o		T
ln		1
o-ln	MR	0-1
o	R	T
o		1
o		1
o		1
o	R	1
o	MR	1
o		✓
o		2
o		2
o	MR	1-2
o	MS	T
10%		0
o		T
o		1
o-10	MS	0-1

grasshopper damage consid dam. 7/26

fair

Sh-G

fair

Sh-VG

good

M-G (dark green)

Best straw of an SR type

Excel (much shorter reg growth + more
erect than SR type, lighter green
glow + more dist leaves at base, 7/26)
M-G (light green)

Has very green straw when hatched.
short & sturdy,

light
Excel

VT-G

X

87.40							
12.60	49.327	55.8		58.3	57.0		
88.00							
12.00	40.920	46.5		50.3	47.3		
87.70							
12.30	45.604	52.0		55.3	52.7		
88.65							
11.35	49.201	55.5		58.3	56.9		
					<u>213.9</u>		3797
87.80							
12.20	45.480	51.8		55.3	52.6		
87.70							
12.30	43.850	50.0		54.0	50.7		
88.90							
11.10	42.939	48.3		52.5	49.6		
88.55							
11.45	49.145	55.5		59.0	56.8		
					<u>209.7</u>		3722
88.20							
11.80	36.427	41.3		45.0	42.1		
88.20							
11.80	38.367	43.5		47.5	44.4		
88.00							
12.00	39.424	44.8		48.5	45.6		
87.50							
12.50	36.750	42.0		46.8	42.5		
					<u>174.6</u>		3099
88.70							
11.30	33.706	38.0		43.5	39.0		
88.40							
11.60	35.183	39.8		43.5	40.7		
88.70							
11.30	33.706	38.0		42.8	39.0		
88.20							
11.80	36.162	41.0		45.5	41.8		
					<u>160.5</u>		2849
88.40							
11.60	36.244	41.0		44.3	41.9		
87.55							
12.45	42.900	49.0		53.0	49.6		
88.70							
11.30	41.068	46.3		50.0	47.5		
87.80							
12.20	38.456	43.8		48.0	44.5		
					<u>183.5</u>		3257

25 Prob all old straw stacks was at one time part of this block, lodging is prob due to this fact.

T.P. and RxD No 10/land.

389	C3-12, 7/8 Rexoro	Hd Row	29	9/1	9/12	10/12	58
			58	9/2	9/11	10/12	57
			78	9/1	9/12	10/12	60 10/11
			115	8/31	9/12	10/10	58 10/11
				9/1		10/12	58
390	✓ Texas Patna 49	Hd Row	30	8/26	9/6	10/3	56 9/12
			59	8/24	9/5	10/5	56 10/11
			80	8/26	9/6	10/4	57
			113	8/23	9/7	10/3	52
				8/25		10/4	55
391	✓ Texas Patna Sel-A C.I. 8321-1	389D	31	8/23	9/2	9/24	57
			62	8/22	9/1	9/25	55
			79	8/22	9/1	9/26	60
			117	8/22	8/31	9/26	62
				8/22		9/25	59 10/11
392	✓ Rexoro C.I. 1779	Hd Row	32	9/4	9/12	10/12	58
			61	9/2	9/11	10/10	54
			83	9/2	9/11	10/10	58 10/11
			119	9/2	9/11	10/10	59 10/11
				9/3		10/11	57
393	B43-280-1-3, T. Patna Sel.	390D	33	8/25	9/8	10/4	54 10/11
			60	8/25	9/6	10/4	58
			82	8/28	9/7	10/5	59 10/11
			116	8/25	9/7	10/5	62 10/11
				8/26		10/5	58

R

0

R

0

MR

20%

0-20

MR

0

S

20%

0-20

S

0

S

0

S

0

MS

0

MS

0

5/28/51

good

T-G (taller than Rex)

Excel

MF G (not as tall as 7/8)

leaves are much more dropping than Rex
on 7/16. Lodging in 4th repl. due
to long & not variety, so opposite
TP plot that was lodged, prob the
1st center of an old stem stroke
Excel

M-VG

all
Leaves are dying very rapidly & 10
are prob 75-80 dead, sheaths are
all dead, except flag leaf sheath &
some of them are dead 1/2

good

M-G

1st

Excel

(as tall as Rex on 7/30, excellent tillering)
has narrow leaves, semi erect, dark
green, outstanding for tillering 7/30
M-VG

X

88.20						
11.80	35.986	40.8	44.3	41.6		
87.70						
12.30	38.413	43.8	48.0	44.4		
87.80						
12.20	35.559	40.5	45.8	41.1		
87.40						
12.60	38.718	44.3	50.0	44.8		
				171.9		3051
88.55						
11.45	26.831	30.3	33.8	31.0		
88.70						
11.30	37.254	42.0	47.0	43.1		
88.05						
11.95	33.459	38.0	42.3	38.7		
88.25						
11.75	31.594	35.8	40.5	36.5		
				149.3		2650
88.90						
11.10	37.160	41.8	44.3	43.0		
89.00						
11.00	40.940	46.0	49.8	47.2		
88.90						
11.10	40.450	45.5	50.0	46.8		
88.20						
11.80	35.986	40.8	46.9	41.6		
				178.7		3172
87.40						
12.60	29.978	34.3	38.0	34.7		
88.20						
11.80	29.370	35.3	39.5	34.0		
88.20						
11.80	31.311	35.5	42.0	36.2		
87.85						
12.15	30.572	34.8	39.0	35.3		
				140.2		2489
89.05						
10.90	33.394	37.5	44.8	38.6		
88.20						
11.80	34.663	39.3	45.0	40.1		
88.90						
11.10	33.782	38.0	43.3	39.1		
88.90						
11.10	32.004	36.0	43.3	37.0		
				154.8		2748

B321B40-3, RxD

C.I. 8343

394 RxD

39/D

34	8/18	8/28	9/18	52	
57	8/14	8/26	9/16	53	
81	8/17	8/28	9/18	53	
114	8/15	8/28	9/18	54	10/1
	8/16		9/18	53	

B403/A1-1-11,

395 TPxR-SBR

21+222

35	7/28	8/7	8/28	49	
63	7/27	8/9	8/27	48	
84	7/27	8/9	8/28	48	
118	7/26	8/7	8/28	48	9/7
	7/27		8/28	48	

S

0

S

0

MR

1

2

T

0

MR T-2

top test
exal (Erect leaf habit of Perov, v dark)
p' green color, 7/26.
M-G.

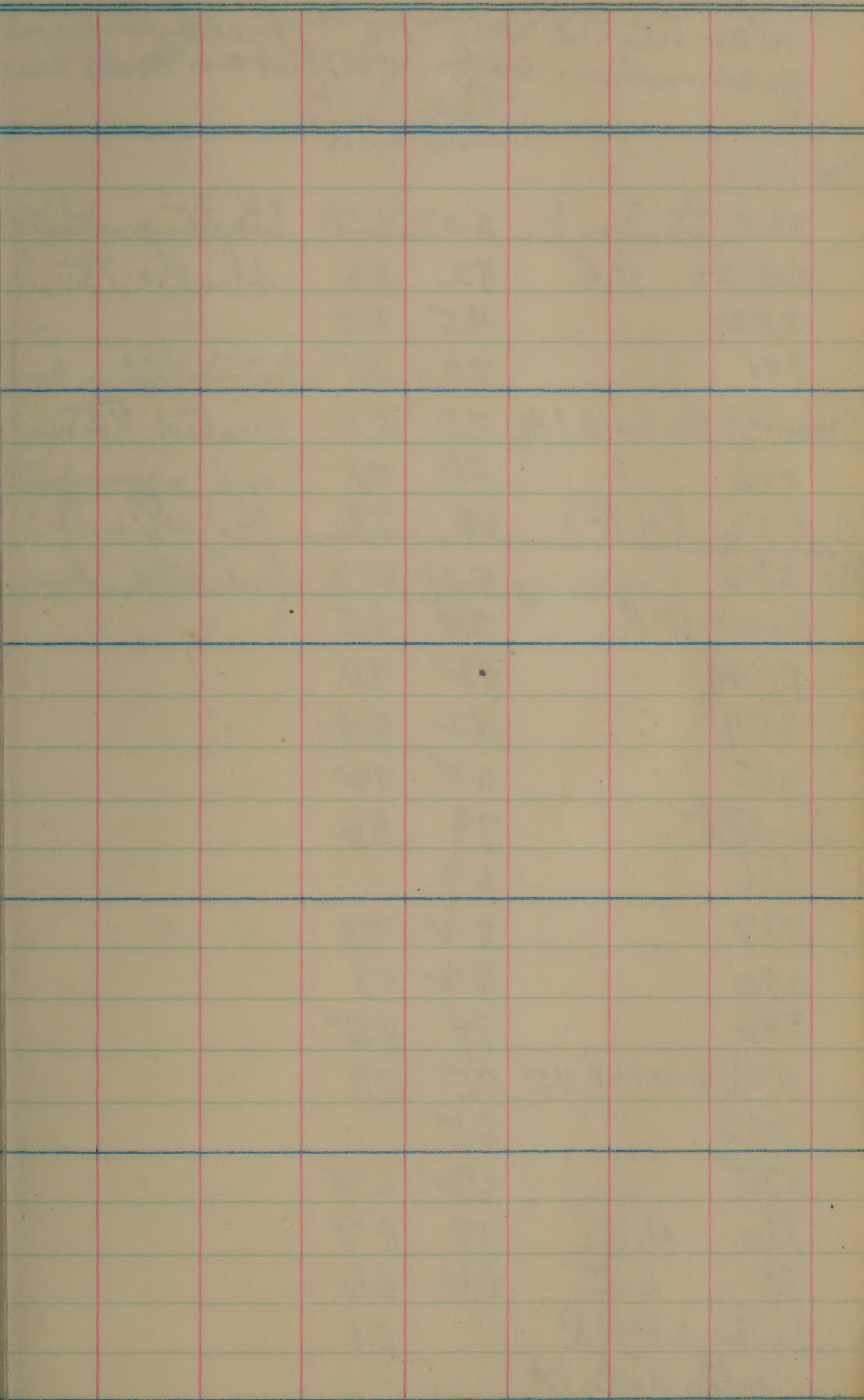
pon
v. thin stand
in all repl
T-G, (very thin stand)

88.80						
11.20	38.894	43.8	45.0	46.5	45.0	
89.25						
10.75	44.179	49.5		52.0	51.1	
88.90						
11.10	45.339	51.0		54.0	52.4	
88.20						
11.80	42.336	48.0		52.0	48.9	
					<u>197.4</u>	

3504

87.55						
12.45	37.209	42.5		45.3	43.0	
87.70						
12.30	38.413	43.8		45.3	44.4	
88.15						
11.85	38.610	43.8		45.8	44.6	
86.90						
13.10	41.278	47.5		50.0	47.7	
					<u>179.7</u>	

3190



germination tests of seed used
 was treated with $1\frac{1}{2}\%$ methyl Bromide
 germination. lots started on May 26

5/30

5/30
 treated with

363		53	67	shoots much ($\frac{1}{2}$)
BBT 50	N.R.	92	86	shoots $\frac{1}{3}$
382		45	60	"
391		77	81	untreated lot
(mainly) Cent 23	HR	73	81	treated $\frac{1}{3}$
386		58	71	no apparent
Cent 52	(H.R.)	69	78	$\frac{1}{2}$ shorter
5/31 362		52	53	untreated lot
Rogue H.R.		74	65	
TP 49		72	90	
389		82	84	
365		62	72	
Imp BBT		79	86	
56		69		
377		82	77	
390		82	81	
376		79	85	
B438A1-104-4	HR	85	83	
222		65		
375		62	52	
Res	H.R.	77	87	
$\frac{1}{8}$	H.R.	66	66	
Century 23	HR		81	
rolls, winter lot.				

for seeding field plots
per 1000 cov. feet for 12 hrs.
first counts on May 30.

shorter than untreated, twisted, roots shorter
shorter

"
lined out, treated appear normal
shorter
difference

poor root development (sour odor)

T not

361		67	67	
49-28		85		
367		77	88	
368			75	Treated sample
		Hudby	as normal short in	
384		43	54	
RN	H.R.	82	74	
BK	H.R.	81	81	
387		69	82	Treated sample
395		81	79	
385		69	75	
364		66	76	
372		71	72	
383		60	75	

badly damaged both were very slow,
the treated lot

very slow, appeared to be injured

Sown March 22
Mar. 22

1st
Head

121	B45-15-5-10-2, Hill Med x Z	9	101	7/3	7/16	8/2	42
			209			7/31	46
			312			7/31	46
			403			8/1	46
				7/3		8/1	45
122	Magnolia C.I. 8318	8	102	7/4	7/17	8/1	47
			207			8/3	46
			301			7/31	44
			404			8/2	44
				7/4		8/2	45
123	Zenith C.I. 7787	11	103	7/5	7/16	8/2	45
			212			8/2	47
			303			8/1	47
			414			8/2	45
				7/5		8/2	46
124	Century 231	(47)	104	7/4	7/14	8/4	47
			202			8/4	44
			304			8/4	46
			409			8/4	44
				7/4		8/4	45
125	Bluebonnet C.I. 8322	44	105	7/12	7/27	7/17	55
			203	7/19	7/27	8/17	52
			316	7/19	7/26	8/14	52
			407	7/18	7/27	8/16	51
				7/19		8/16	53

CO

MR

MR

R

R

MS

MS

MR

MR

MS

MS

damaged by
mother 11/5/51 when
cleaned,

474

494

511

388

1867 2801

446

435

507

480

1868 2802

495

494

663

436

2088 3132

730

680

701

580

2691 4037

648

563

731

606

2548 3822

1 HEAD

126	Rexark	106	7/14	7/24	8/17	52	
	C.I. 8644	204		7/24	8/15	47	
		43	302	7/24	8/16	48	
			401	7/25	8/17	45	
				7/14	8/16	48	
127	Improved	107	7/22	7/31	8/19	49	
	Bluebonnet	211	7/22	8/2	8/18	51	
		68	309	7/21	8/1	8/18	51
			411	7/21	7/31	8/21	47
				7/22	8/19	50	
128	B459A1-95-9,	108	7/19	7/28	8/20	45	
	Hill Selx	205	7/19	7/29	8/18	45	
	Rexark	315	7/19	7/27	8/15	45	
		415	7/19	7/28	8/18	46	
			7/19		8/18	45	
129	Hyb Mix-11-47-11-1,	109	7/22	7/31	8/31	45	
	E. Short-grain	215	7/22	7/31	8/31	40	
	Bulk.	123	308	7/22	8/1	8/31	44
			402	7/23	8/1	8/31	44
				7/22	8/31	43	
130	B438A1-104-4	110	8/6	8/18	9/15	49	
	Sm. BR-BR 41	106	206	8/6	8/18	9/16	48
	x		314	8/5	8/18	9/17	50
	8326		410	8/6	8/18	9/16	48
				8/6		9/16	49

CO
MR

MR
R

R
MR

MR
R

R
R

1
1
T
1

R

V. sturdy straw

leaves ^{are} still very green on 9/28
plate leaning but still not flat

702

619

744

610

2675 4013

602

479

600

578

2259 3389

destroyed

602

564

513

1679 3358

674

662

651

663

2650 3975

643

708

666

737

2754 4131

131	Blue Rose C.I. 1962		111	8/6	8/14	9/14	56
			210	8/5	8/14	9/14	52
		107	313	8/5	8/15	9/14	56
			416	8/6	8/14	9/14	54
				8/6		9/14	55
132	C6-I-25-12, Rx BR-R		112	8/7	8/17	9/16	55
		110	216	8/7	8/17	9/15	52
			310	8/7	8/17	9/17	54
			405	8/7	8/17	9/17	51
				8/7		9/16	53
133	C3-12, 3/8 Rex		113	8/23	9/5	9/28	51
		129	201	8/23	9/4	9/28	49
			306	8/21	9/2	9/28	50
			406	8/22	9/5	9/28	49
				8/22		9/28	50
134	Rexoro C.I. 1779		114	8/22	9/4	9/26	52
			214	8/22	9/4	9/27	52
		131	311	8/23	9/4	9/25	51
			412	8/22	9/6	9/27	50
				8/22		9/26	51
135	T. Patna 49		115	8/14	8/24	9/18	48
		140	208	8/15	8/25	9/18	50
			305	8/15	8/23	9/18	49
			413	8/15	8/26	9/19	47
				8/15		9/18	49

CO

sl M → T
o 1

sl 1

sl 1

o-sl ~~A~~ M T-1

R → T

T

T

1

~~R~~ R T-1

R →

R o

S →

S o

MS →

~~MS~~
MS o

leaves are still quite green
on 9/28

numerous sterile lvs,
more sturdy than Rexoro
flag leaves quite green on 9/28

flag leaves mostly dead on 9/28

749

649

605

741

2744 4116

482

423

556

477

1938 2907

401

321

386

415

1523 2285

386

392

491

482

1751 2627

483

390

415

431

1719 2579

136

B4530A1-64-2,

116

8/14

8/25

9/26

44

TP49X Hill Med

203

8/13

8/25

9/28

45

156 307

8/13

8/26

9/28

45

408

8/12

8/26

9/27

45

8/13

9/27

45

CO

S

S

O

Seg. mat, lightly slanted
V slant stem

322

282

341

293

1238 1857

Apr. 14 down April 14

1st HEAD

141	B45-15-10-2, Hill Med x 2	9	101	7/15	7/25	8/11	42	
			209	7/14	7/21	8/9	44	
			307	7/13	7/20	8/9	44	
			411	7/13	7/20	8/9	45	
				7/14		8/10	44	
142	Rexoro C.I. 1779	131	102	8/31	9/9	10/5	50	
			214	8/31	9/9	10/6	51	
			308	8/31	9/10	10/6	50	
			413	9/2	9/10	10/7	51	10/13
				9/1		10/6	51	
143	B4530A1-64-2, TP49X Hill Med	156	103	8/22	9/9	9/7	43	9/28
			213	8/24	9/10	9/7	44	10/15
			301	8/24	9/11	9/7	43	10/13
			401	8/23	9/10	9/7	44	9/20
				8/23		9/7	44	
144	Bluebonnet C.I. 8322	44	104	7/26	8/5	8/22	52	
			203	7/25	8/5	8/23	54	
			312	7/26	8/5	8/24	50	
			406	7/26	8/5	8/22	54	
				7/26		8/23	53	
145	Century 231	47	105	7/16	7/25	8/14	40	
			202	7/14	7/23	8/15	43	
			315	7/16	7/24	8/14	43	
			407	7/14	7/22	8/13	45	
				7/15		8/14	43	

1

T

T

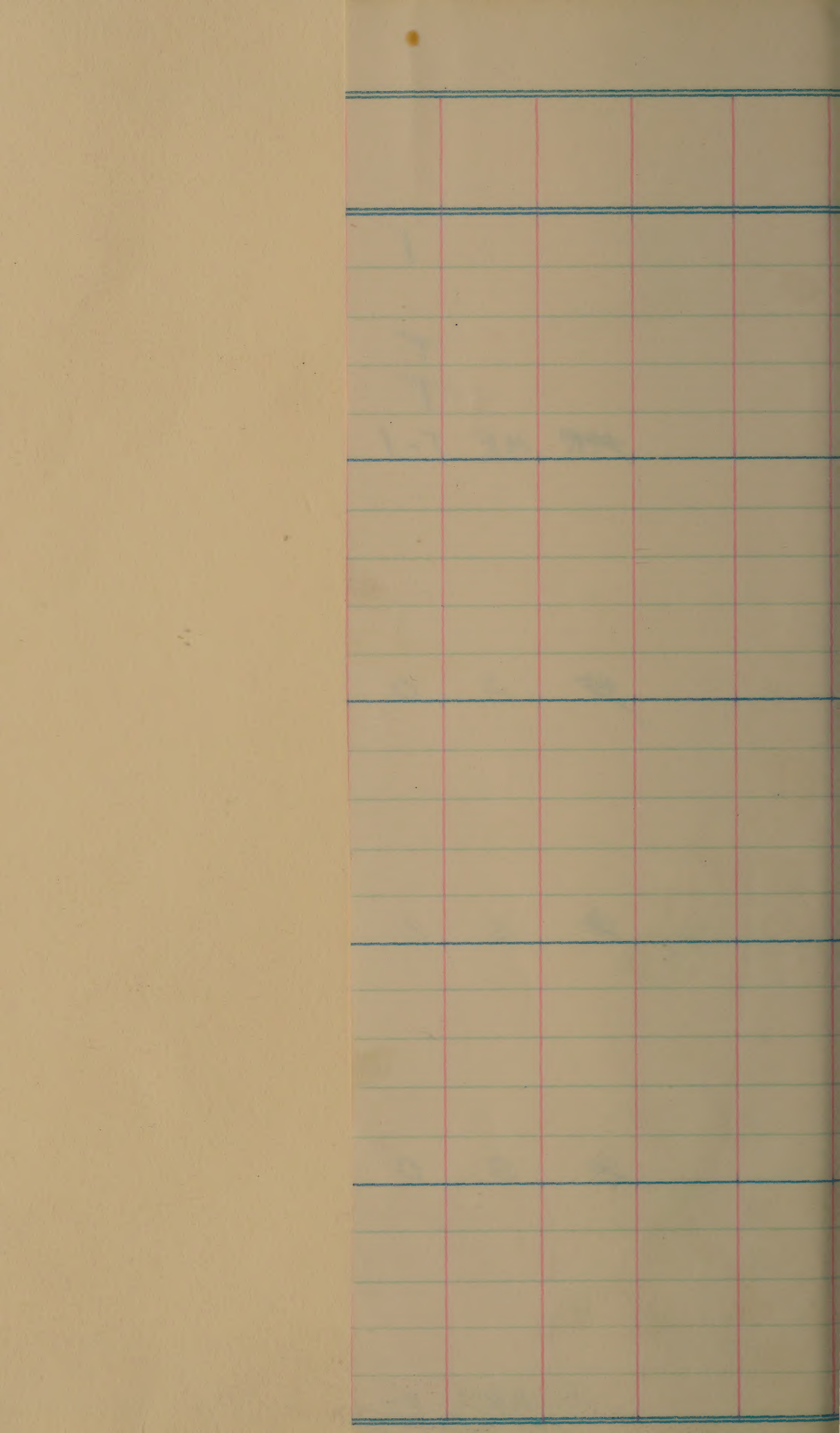
~~MR~~ MR T-1

~~S~~ S O

~~S~~ S O

~~S~~ S O

MR O



398

464

466

538

1866 2799

424

364

354.

291

1433 2150

237

269

245.

244.

995 1493

530.

648

522

501

2201 3302

436

610

580

652

2278 3417

✓
1 HEAD

146	Zenith C.I. 7787	11	106	7/16	7/24	8/11	49
			212	7/15	7/23	8/12	44
			316	7/16	7/25	8/12	46
			404	7/15	7/23	8/12	44
				7/16		8/12	46
147	Magnolia C.I. 8318	8	107	7/14	7/22	8/10	47
			207	7/14	7/22	8/12	46
			306	7/14	7/22	8/11	49
			409	7/14	7/23	8/10	44
				7/14		8/11	47
148	Blue Rose C.I. 1962	107	108	8/12	8/21	9/20	51
			210	8/11	8/20	9/20	53
			311	8/11	8/20	9/21	50
			403	8/11	8/20	9/21	49
				8/11		9/21	51
149	T. Patna 49	140	109	8/20	9/1	9/25	47
			208	8/25	9/1	9/28	50
			314	8/22	9/2	9/26	49
			412	8/23	9/2	9/28	49
				8/23		9/27	49
150	B459A1-95-9, Hill Sel Rexark	74	110	7/28	8/8	8/24	44
			205	7/28	8/9	8/24	46
			310	7/28	8/9	8/25	44
			408	7/28	8/9	8/24	45
				7/28		8/24	45

1

1
✓

MS 1-2

✓
T

1
✓

MS T-2

1

1

3

✓

S 1-2

T

MR 0

MR 0

C series has more shot holes than
other series,

629

480

602

559

22703405

510

608

528

530

21763264

371

366

309

307

13532030

408

415

442

365

16302445

599

588

548

499

22343351

151	Improved Bluebonnet		111	7/31	8/9	8/26	46
			211	7/30	8/8	8/25	48
		68	303	7/30	8/9	8/26	49
			402	7/30	8/9	8/25	47
				7/30		8/26	48
152	Hyb Mix-11-47-11-1, E. Short-grain Bulk		112	7/29	8/8	9/5	43
			215	7/30	8/11	9/6	43
		123	309	7/30	8/11	9/6	42
			410	7/29	8/10	9/6	43
				7/30		9/6	43
153	C6-I-25-12, BRx BR-R		113	8/14	8/22	9/22	53
			216	8/16	8/22	9/23	52
		110	305	8/15	8/23	9/23	52
			414	8/13	8/23	9/23	52
				8/15		9/23	52
154	C3-12, 7/8 Rex		114	8/31	9/8	10/6	49
			201	9/2	9/12	10/7	48
		129	304	9/1	9/11	10/7	50
			416	8/30	9/8	10/8	47
				9/1		10/7	49
155	Rexark C.I. 8644		115	7/20	8/3	8/25	45
			204	7/21	8/1	8/22	49
		43	313	7/21	8/2	8/25	47
			405	7/21	7/31	8/23	48
				9/21		8/24	

T

R

T

1

1

1

R

1

✓

✓

✓

R

2

2

R

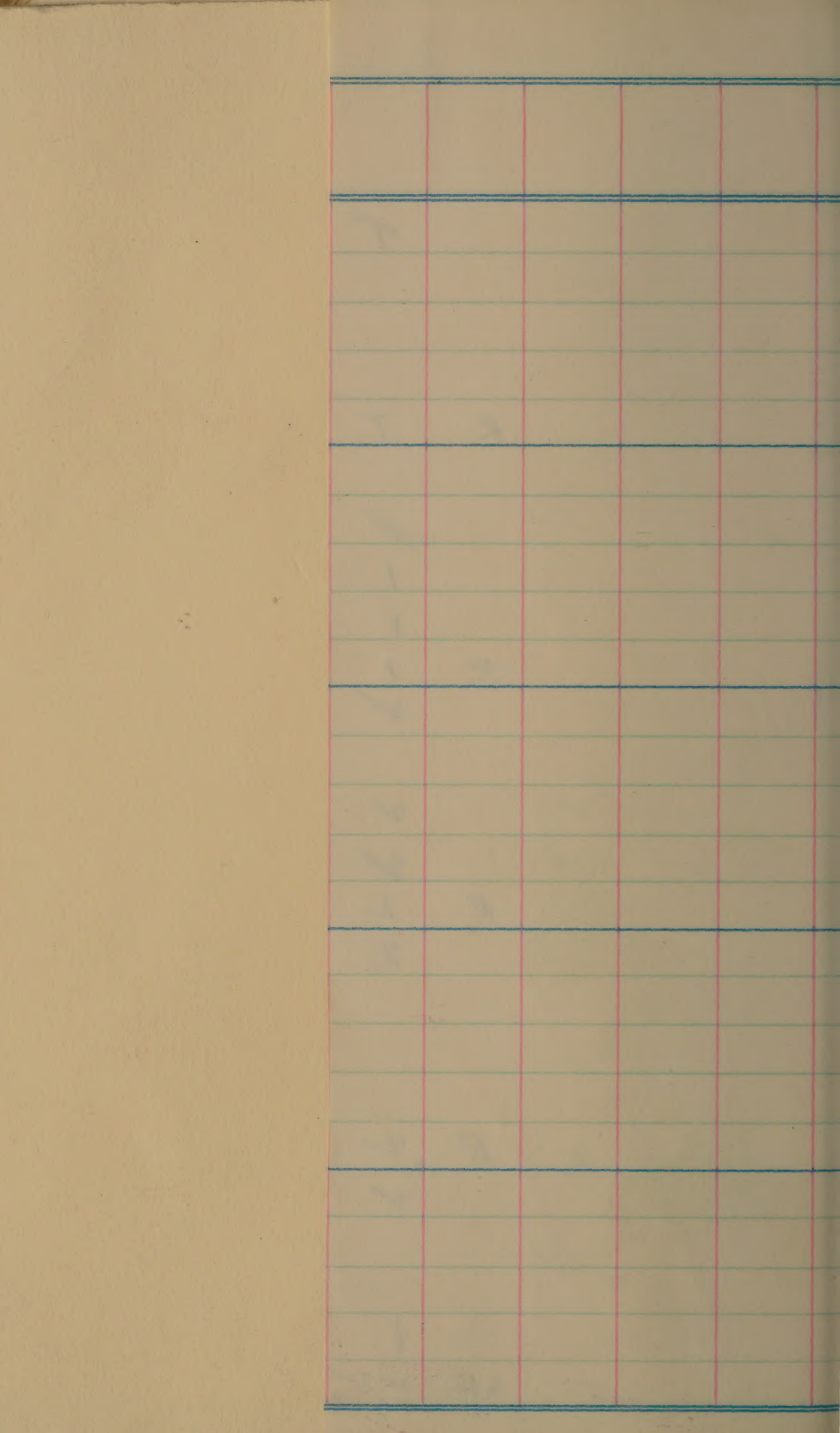
2

✓

1

MR

1-2



565

582

633

615

23953593

590

535

517

613

22553383

359

352

337

319

13672051

321

317

279

338

12551883

534

653

568

648

24033605

156

B438A1-104-4,

SMBR-BR41

8326

106

116

206

302

415

8/13

8/13

8/13

8/13

8/13

8/24

8/21

8/22

8/24

9/23

9/23

9/23

9/23

9/23

46

50

46

46

47

2✓

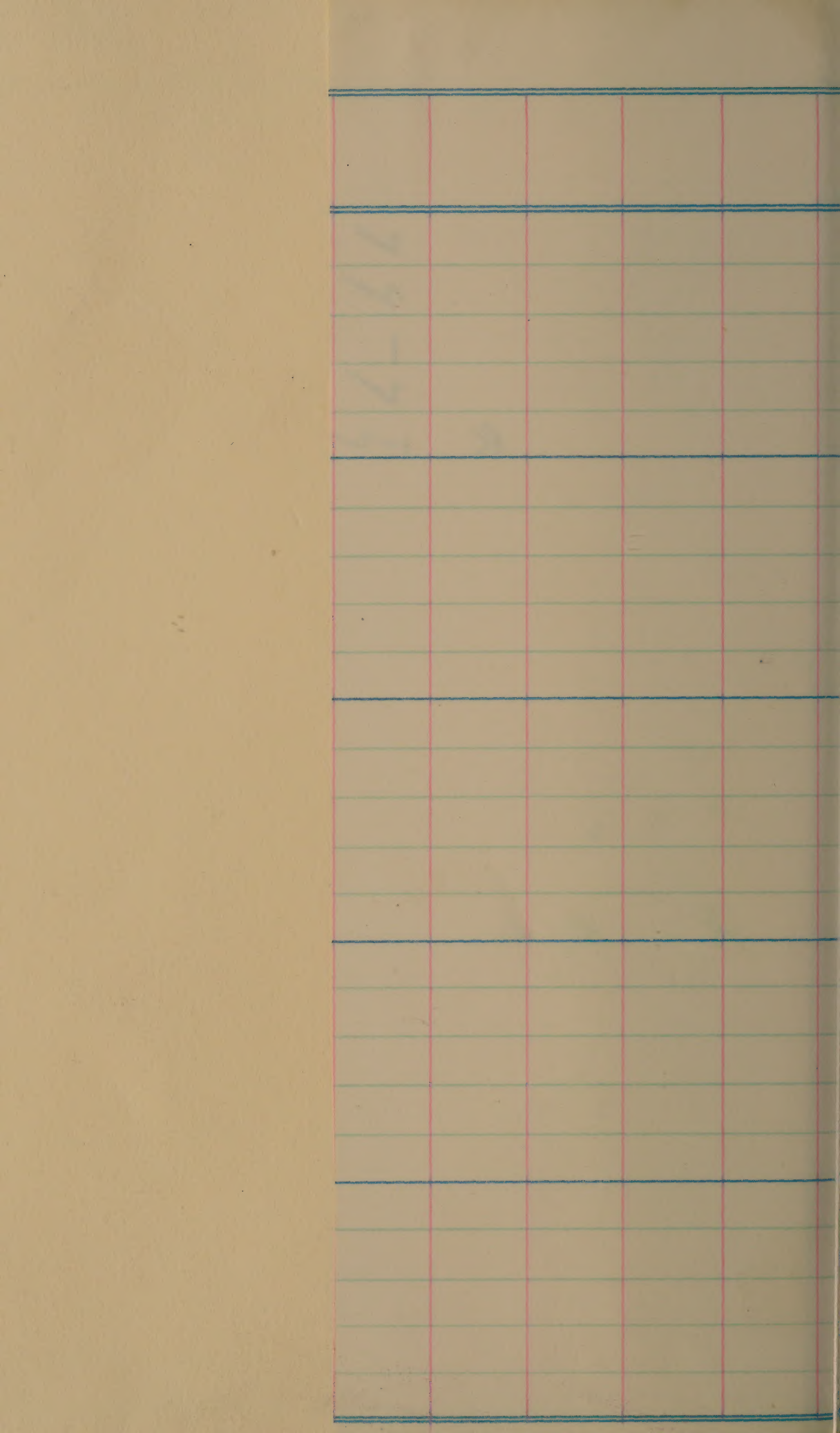
2✓

1

2✓

R

1-2



363

399

436

406

1604 2406

71

may 14
 Just 7/18
 down May 14
 May 7/18

161

Blue Rose

C.F. 1962

101 8/25 9/1 9/27 51

204 8/25 9/2 9/27 50

107 117 8/23 9/2 9/26 51

225 8/24 9/2 9/26 52

8/24 9/27 51

162

B438A1-104-4

SMBR-BR41

x
8326

106

102 8/27 9/4 9/27 49

208 8/27 9/4 9/28 48

118 8/27 9/5 9/28 49

231 8/25 9/6 9/28 47

8/26 9/28 48

163

B4530A1-64-2,

TP49 x Hill Med

103 9/13 9/28 10/19 48

209 9/14 10/1 10/19 47

156 132 9/11 9/28 10/19 48

232 9/12 10/1 10/19 45

9/13 10/19 47

164

B459A1-95-9,

Hill Sel

x
Rexark

74

104 8/19 9/27 9/17 50

207 8/20 8/27 9/19 50

125 8/19 8/28 9/17 50

218 8/21 8/28 9/18 48

8/20 9/18 50

165

C3-12,

7/8 Rex.

129

105 9/18 9/29 10/29 56

203 9/19 10/1 10/29 52

120 9/17 9/28 10/29 55

230 9/18 10/1 10/29 54

9/18 10/29 54

MS 2

3

3

MS 2-3

R 1

3

R 1-3

T

MR T

R

T

R T

2

1

2

R T-2

many short sterile hds.
more than in 4387 and
C6-I-25-12 ✓

Some C.O. showing on 9/28 but leaves
are still very green

These plants cut
a little green

dropped too early
very much injured with
fungal dry

418

299

324

394

1435 2153

542

471

535

449

1997 2996

315

392

258

316

1281 1922

413

492

391

419

1715 2573

424

404

516

450

1794 2691

166	Rexoro C.I. 1779		106	9/20	9/30	10/28	57
			201	9/18	10/1	10/28	53
		131	121	9/19	10/1	10/28	55
			223	9/18	9/30	10/28	53
				9/19		10/28	55
167	Century 231		107	8/8	8/15	9/5	49
		47	212	8/8	8/15	9/6	48
			129	8/7	8/13	9/5	48
			224	8/8	8/14	9/5	47
				8/8		9/5	48
168	Improved Bluebonnet		108	8/22	8/30	9/19	54
		68	214	8/22	8/31	9/20	53
			128	8/22	8/30	9/20	55
			221	8/22	8/31	9/20	53
				8/22		9/20	54
169	Zenith C.I. 7787		109	8/6	8/12	8/31	48
		11	202	8/8	8/13	8/31	46
			124	8/6	8/12	8/31	49
			228	8/8	8/12	8/31	46
				8/7		8/31	47
170	Bluebonnet C.I. 8322		110	8/18	8/24	9/16	55
		44	215	8/17	8/24	9/16	55
			122	8/18	8/23	9/15	56
			220	8/18	8/25	9/17	54
				8/18		9/16	55

S 0

R T

T

R T

R

R 0

MR 2

2

MR 2

S

S 0

framed too
early, variety
injured with
good quite
and
Recess stream
is mostly dead
on 10/20,
7/8 Recess stream is
still very green

Heaviest Century of any date,
many green leaves and still
standing very well on 9/28. Prob.
more green leaves than 2 on 9/28

Exceptionally good in all areas,
standing much better than 80th

many sterile hds.

In D series 2nd shows more sterile hds
than 172, May very few
leaves mostly dead on 9/28 except
flags, They are beginning to die
back.

403

412

357

387

1569 2339

725

694

738

602

2759 4139

592

572

605

535

2304 3456

381

447

463

324

1615 2423

498

484

578

539

2099 3149

171	Hyb Mix-11-47-11-1,	111	8/18	8/28	9/23	44
	E. Short-grain	206	8/18	8/27	9/24	45
	Bulk	123 130	8/17	8/25	9/24	44
		222	8/18	8/27	9/24	44
			8/18		9/24	44

172	845-15-5-10-2,	112	8/2	8/10	8/28	45
	Hill Med	216	8/2	8/11	8/28	49
	Zenith	9 123	8/3	8/11	8/28	47
		229	8/3	8/11	8/28	48
			8/3		8/28	47

173	Magnolia	113	8/3	8/11	8/31	49
	C.I. 8318	8 210	8/3	8/12	8/31	47
		126	8/4	8/11	8/31	50
		227	8/4	8/13	8/31	48
			8/4		8/31	49

174	T. Patna 49	114	9/14	9/26	10/19	55
		140 205	9/15	9/26	10/20	53
		131	9/14	9/25	10/17	54
		217	9/14	9/25	10/20	54
			9/14		10/19	54

175	Rexark	115	8/11	8/21	9/11	53
	C.I. 8644	211	8/13	8/22	9/13	51
		43 119	8/12	8/21	9/11	53
		219	8/13	8/23	9/11	52
			8/12		9/12	52

R_i 1

1

R 1

R_i 2

1

R 1-2

MR_i 3

1

MR 1-3

T

T 0

MR 1

1

MR 1

Harvest of any date, look
exceptionally good,
3rd crop. bearing long before maturity,
but never did go completely flat, was
the heaviest plot.

Many sterile heads especially in
2nd crop.

These plots were cut a
little green, but
ground was very dry
and rice was beginning
slowly.

v. bad for sterility but long heads
good for yield, stood up O.K.

588

570

576

581

2315 3473

301

410

335

391

1437 2156

472

482

505

409

1868 2802

406

412

489

346

1653 2480

400

408

375

405

1588 2382

176	C6-I-25-12, BR _x BR-R	116	8/26	9/3	9/27	53	
		213	8/27	9/3	9/27	52	
		110	127	8/25	9/2	9/28	54
		226	8/26	9/3	9/27	52	
			8/26		9/27	53	

R. 2

1

R 1-2

V. good plots, appear heavier than Bk
less strike beds and shot beds.

397

415

520

427

1759 2639

87 Hatched 7/18
Hatched emerged 7/19

(W. T. exceptionally large
on 9/13, prob worst of all dates)

June 11 Drained 8/6
Ingested (final) *Sown June 11*

181	C3-12, 7/8 Rex	129	101	10/4	10/14	11/8	48
			205	10/5	—	Est.	44
			311	10/5	10/12		42
			402	10/6	—		41
				10/5		fruit	44
182	Hyb Mix-11-47-11-1, E. Short-grain Bulk	123	102	9/9	9/16	10/17	42
			212	9/8	9/16	10/16	38
			309	9/10	9/18	10/16	40
			416	9/9	9/18	10/16	40
				9/9		10/16	40
183	B45-15-5-10-2, Nill Med x Z	9	103	8/28	9/11	9/30	45
			209	8/31	9/11	10/2	42
			303	9/1	9/10	9/30	45
			410	9/1	9/9	10/2	45
				8/31		10/1	44
184	Rexark C.E. 8644 B438A1-104-4, Sm BR-BR 41 x 8326		104	9/8	9/16	10/16	53
			215	9/8	9/17	10/17	49
			316	9/8	9/18	10/17	50
			406	9/8	9/18	10/18	46
				9/8		10/17	50
185	B4530A1-64-2, TP49 x Nill Med	156	105	10/1	—	11/8	45
			206	9/30	—	Est.	44
			310	9/30	—		45
			413	9/27	10/19		41
				9/29		fruit	44

8/31/51
W.I.

R 1
T
2
T

R T-2

R 1

1

1

R 13

R 2

1

1

2

R 1-2

R 1

1

1

1

1

R 1

S 0

1

S 0-1

W.I. to 1-2, 24
to 25-12, 24
look to all for
24387, check
gram, sig, slope
etc.

appears sl. earlier
than Record at this
date,

a very good patch at
this date, straw
still green at $10/20$

good but prob. not as
high in yield as growth
+ mag. sl. earlier,

Faller than at other dates,
seed is probably O.K. but
check carefully to determine
whether this may be cb-I-25/2

short straw, but hds
very short, very wet,
no value until pumped

316

170

236

157

879 1319

601

426

500

422

1949 2924

379

310

340

312

1341 2012

647

650

728

465

2490 3735

237

273

271

256

1034 1556

186	T. Patna 49	106	9/30	10/11	48	
		202	9/30	10/10	47	
		140 307	9/30	10/11	46	
		403	9/30	10/12	43	
			9/30	11/30	46	
187	Bluebonnet, C.I. 8322	107	9/15	9/25	10/18	53
		214	9/15	9/25	10/18	52
		44 304	9/13	9/25	10/19	55
		405	9/14	9/25	10/19	53
			9/14		10/19	53
188	Rexoro C.I. 1779	108	10/10	10/27	48	
		211	10/11		45	
		131 313	10/11	10/27	44	
		411	10/9	—	42	
			10/10	fruit	45	
189	Magnolia C.I. 8318	109	8/30	9/12	10/4	51
		216	9/2	9/13	10/6	48
		365 some 9 314	9/1	9/14	10/5	48
		401	9/3	9/12	10/5	48
			9/2		10/5	49
190	C6-I-25-12, BR x BR-R	110	9/8	9/17	10/18	56
		201	9/10	9/18	10/18	49
		302	9/9	9/17	10/16	55
		408	9/8	9/19	10/17	45
			9/9		10/18	52

T 0

0

T 0

S 0

0

0

0

S 0

S 0

0

0

0

S 0

S 2

2

3

3

S. 2-3

R 1

2

1

3

R 1-3

Looks much better than
Rexon, longer better developed
heads. Should end yield Rex
& $\frac{7}{8}$ Rex,

good but straw dries
back rapidly, much
C.O. when near ripe,

will make considerable rice
compare this with 5th date
of Century. Is some
later than 5th date Cent but
may be comparable.

appears taller than Gemeth, hardly
as good.

quite tall but good yield.

363

319

294

279

1255 1883

506

414

520

430

1870 2805

84

125

126

206

541 812

482

372

453

461

1768 2652

620

482

477

372

1951 2927

191	B459A1-95-9, Hill Sel x Rexark	74	111	9/12	9/28	10/20	46
			207	9/14	9/26	10/22	47
			315	9/13	9/27	10/20	47
			412	9/14	9/27	10/21	45
				9/13		10/21	46
192	Zenith C.I. 7787	11	112	9/1	9/11	10/2	49
			208	9/1	9/12	10/3	47
			301	8/31	9/12	10/3	48
			404	9/1	9/11	10/3	46
				9/1		10/3	48
193	Century 231	47	113	9/1	9/11	10/5	48
			213	9/2	9/13	10/6	46
			306	9/2	9/12	10/5	48
			415	9/3	9/12	10/6	47
				9/2		10/6	47
194	Blue Rose C.I. 1962	107	114	9/8	9/16	10/17	53
			204	9/8	9/18	10/18	48
			308	9/9	9/16	10/18	52
			407	9/6	9/17	10/18	47
				9/8		10/18	50
195	Improved Bluebonnet	68	115	9/19	9/26	10/27	52
			210	9/20	9/27	10/23	51
			305	9/18	9/27	10/23	51
			414	9/21	9/28	10/23	51
				9/20		10/23	52

R T

T

0

0

R 0-T

MS 3

3

2

3

MS 2-3

T T

T

T

T

T T

S 3

4

4

4

S 3-4

R T

0

0

0

R 0-T

Looked very good at this date.
Stems stay green after ripening,
and stands O.K. shorter than
than B.B. & 2.B.B.

v. good, about like Cent.

v. good growth in most plots,
stems stay green after ripening
and stands very well.

fairly good, many short, etc.

V. good in all plots, possibly the
highest yield in this test. Excellent
growth.

383

379

452

379

1593 2390

411

348

342

300

1401 2102

519

510

535

372

1936 2904

445

371

478

381

1675 2513

518

468

478

480

1944 2916

196

Remark

C.I. ~~6844~~

8644

116	9/7	9/16	10/14	52
203	9/6	9/17	10/15	52
43	312	9/6	10/13	53
409	9/5	9/16	10/14	50
	9/6		10/14	52

5

1

1

1

1

5

1

quite tall, looks very good

459

486

484

528

1957 2936

103 July 12

Am occasional W.T. leaf on the more
succ. varieties on 9/3, very good color & very little W.T.

July 12

Drigated 8/3; 2mg 8/27 (dried about 100mg)

201	Bluebonnet	101	10/6	10/24	no	41
	(24)	212			11/12	43
		316			11/10	42
		405				44
						43

202	B459A1-95-9,	102	10/13	10/27	no	39
	Hill Sel x Rexark	210			11/15	41
	(74)	309				39
		406				40
						40

203	Zenith.	103	9/30	10/9	11/3	47
	c.I. 7787	216			yes	46
	(11)	308			"	45
		408				46
						46

204	Improved	104	10/15	10/31	no	44
	Bluebonnet	202		10/31	11/20	43
	(68)	304		10/30		44
		404		11/1		42
						43

205	B45-15-5-10-2,					
	B438A1-104-4,	105	9/24	10/4	10/31	45
	Hill Med x R	213				44
	Sm BR-BR41				yes	45
	* 8326 (9)	306				45

(406) 411

45

dec.

S+

R

T

R

R

not as tall as BBT & DBB; more
erect leaf growth than BBT; sl.
later mat. than BBT;

One of the heaviest appearing in group
for grain yield; min; v. good growth,
earlier than May. Not as early
as Hill Med x 2.

more leafy & more tillering than
BBT; Later maturing, more
uniform ht. awns rather
bad.

Earliest variety in test.
20 pub. not as high yielding as
Zemith but very good.

Hunted about 2
 rows from each plot
 of all numbers hunted

536

564

538

504

2142 3213

492

578

468

524

2062 3093

206	B438A1-104-4,	106	9/27	10/6	10/5	42
	SMBR - BR41	208			yes	44
	X					42
	8326	307				42
	(106)	413				<u>42</u>
						43

207	Rexoro	187				
	e.I.1779	215			no	
	(131)	314				
		410				

208	Hyb Mix-11-47-11-1,	108	9/26	10/5	10/5	36
	Early Short-gr	209			yes	38
	Bulk	310				36
	(123)	409				<u>38</u>
						37

209	B4530A1-64-2,	109	10/26			
	TP49 x Hill Med	201	10/25		no	
	(156)	313	10/26			
		415	10/27			

210	C6-I-25-12,	110	9/25	10/5	10/5	45
	BRx BR-R	206			yes	47
	(110)	311				44
		402				46
						<u>46</u>

Cere

R

St

R

MS

R

Shorter stem than C 6-I-25-12,
at least as early as May or earlier,
but hardly as early as Zenith.
Shorter stem than Z.

v. uniform in bet; should be a
good yielder, v. short stem,
almost as early as Zenith.

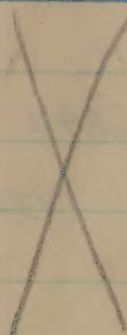
514

455

566

647

2182 3273



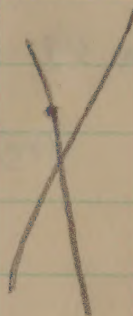
445

511

617

525

2098 3147



561

673

667

597

2498 3747

211	Magnolia	111	9/29	10/10	10/3	47
	C.I. 8318	214			yes	45
	(365)	305				45
		403				45
						<u>46</u>

212	Rexark.	112	9/30	10/10	10/9	44
	C.I. 6844	205			yes	45
	(43)	302				44
		414				43
						<u>44</u>

213	C3-12,	113			no	
	7/8 Rexark	211				
	(129)	312				
		412				

↓ down 1 or 2 per on 10/30 for 2/30 2/14

214	T. Patna 49	114			no	
	(140)	207				
		315				
		407				

215	Century Patna-231	115	10/1	10/10	10/7	41
		204			yes	43
	(47)	301				43
		416				42
						<u>42</u>

Gene-

T

T

R

T

R

R

R

20 later than 2, BR, 438A & C 6-I-25-12

v. large leaf spots, are the H. O. P.
20 sh. taller & sh. later than Cent.
should make a very good yield.
appears heavier yielding than
Cent. but there are many blank
flats in panicles.

much better reg. growth than
Rexon & 7/8 Rex. Should make
good yield if weather remains
favorable (10/30/51)

Short stem, v. uniform ht.
& mat. Does not appear as
productive as Rexon.

447

572

481

512

2012 3018

381

200

364

390

1335 2003

~~X~~~~X~~

530

370

513

522

1935 2903

216	Blue Rose	116	$1/25$	$10/6$	$11/5$	46
	c.I. 1962	203			yes	45
	(107)	303				45
		401				<u>47</u>
						46

dec.

M

Seeding in 4th series on 10/20. Sweet
plot along side of BK is standing O.K.
and is a very good yielder

V. large H O spots

504

383

509

719

2115 3173

Black
from north

Head Rows
Recess

1

2

3 South edge soon with ¹⁹⁵⁰ Red Row and

BBT SO. north

1 Has a long ^{disjoint} Recess row, not a

2 Has a Recess Early row, 7th row from S

3 Recess Early, 4th tier from E, 7th row from North
south Recess Early in east tier, 12th from SO,

center column, so $\frac{1}{2}$
if from East

	A	B	C	D
91	490	509	460	527
92	427	399	418	397
93	429	430	412	434
94	478	432	467	416
95	547	530	485	530
96	410	491	413	511
97	421	448	387	386
98	317	333	346	328
99	434	543	556	516
100	584	642	622	576
101	483	479	384	432
102	454	410	431	491
103	402	362	410	454
104	570	560	577	573
105	496	384	505	433
106	477	451	420	452
107	509	495	383	524
108	716	696	763	685
109	539	554	387	587
110	525	557	573	444
111	479	461	474	421
112	275	414	370	450

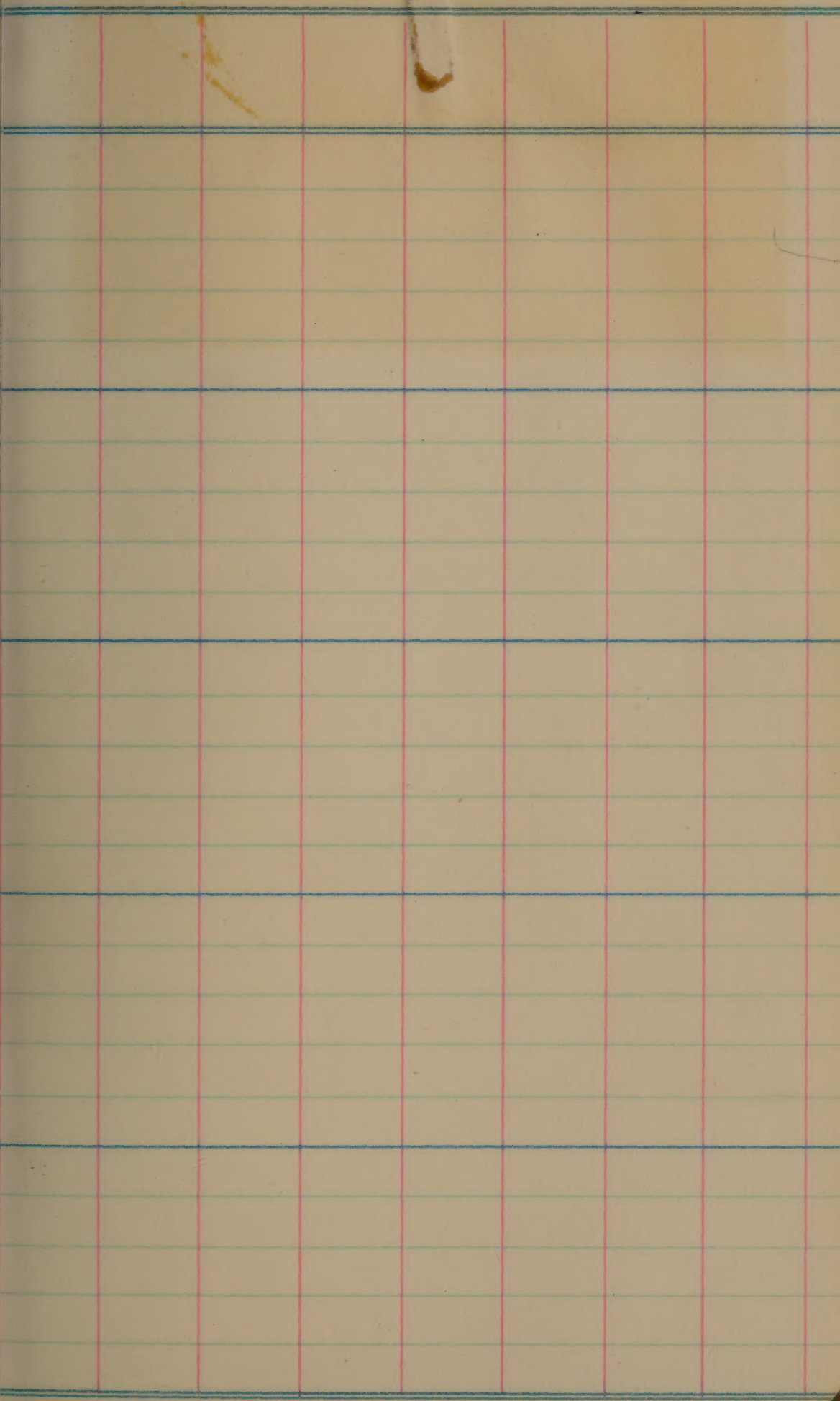
55 inches
for belt.

Byan $10^{\#} = 9$

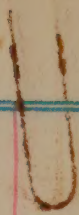
Seaherg $10^{\#} = 0$

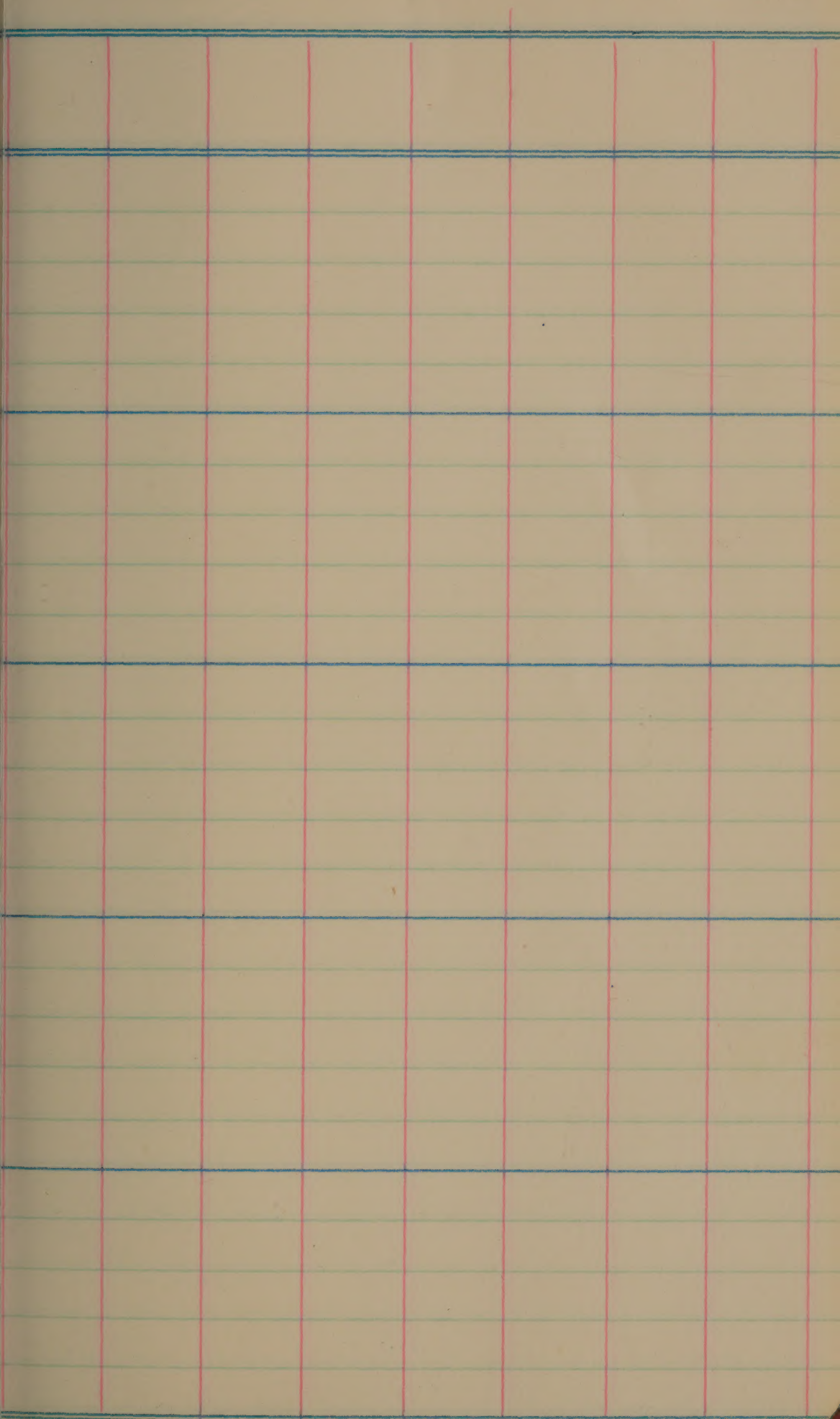
Reidland $10^{\#} = 38$

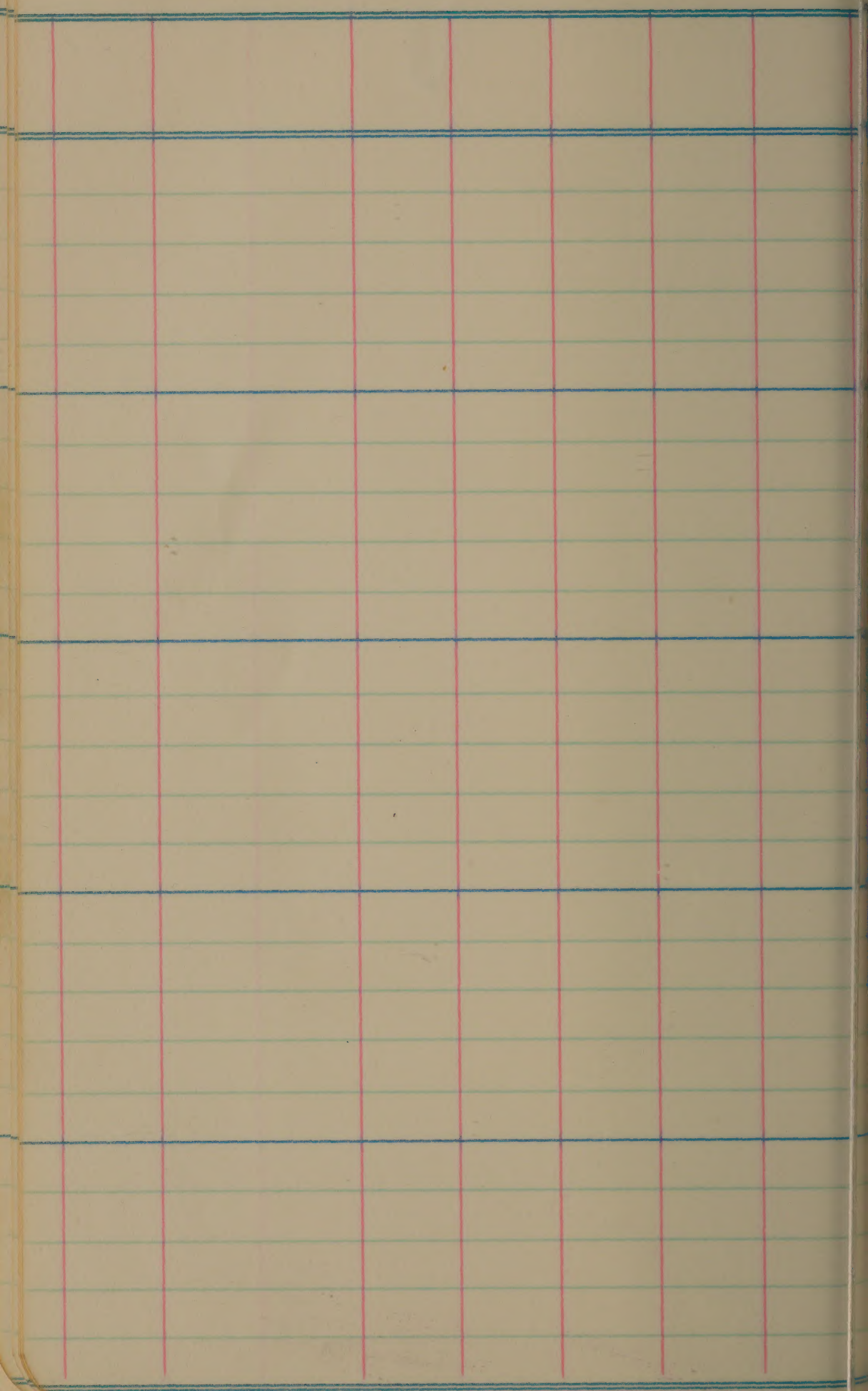
	A	B	C	D
91	490	509	460	527
92	427	399	418	397
93	429	430	412	434
94	470	460	412	411
95	5			
96	4			
97	4			
98	3			
99	4			
100	5			
101	4			
102	4			
103	4			
104	5			
105	4			
106	4			
107	5			
108	716	696	762	603
109	539	554	387	587
110	525	557	573	444
111	479	461	474	421
112	275	414	370	450

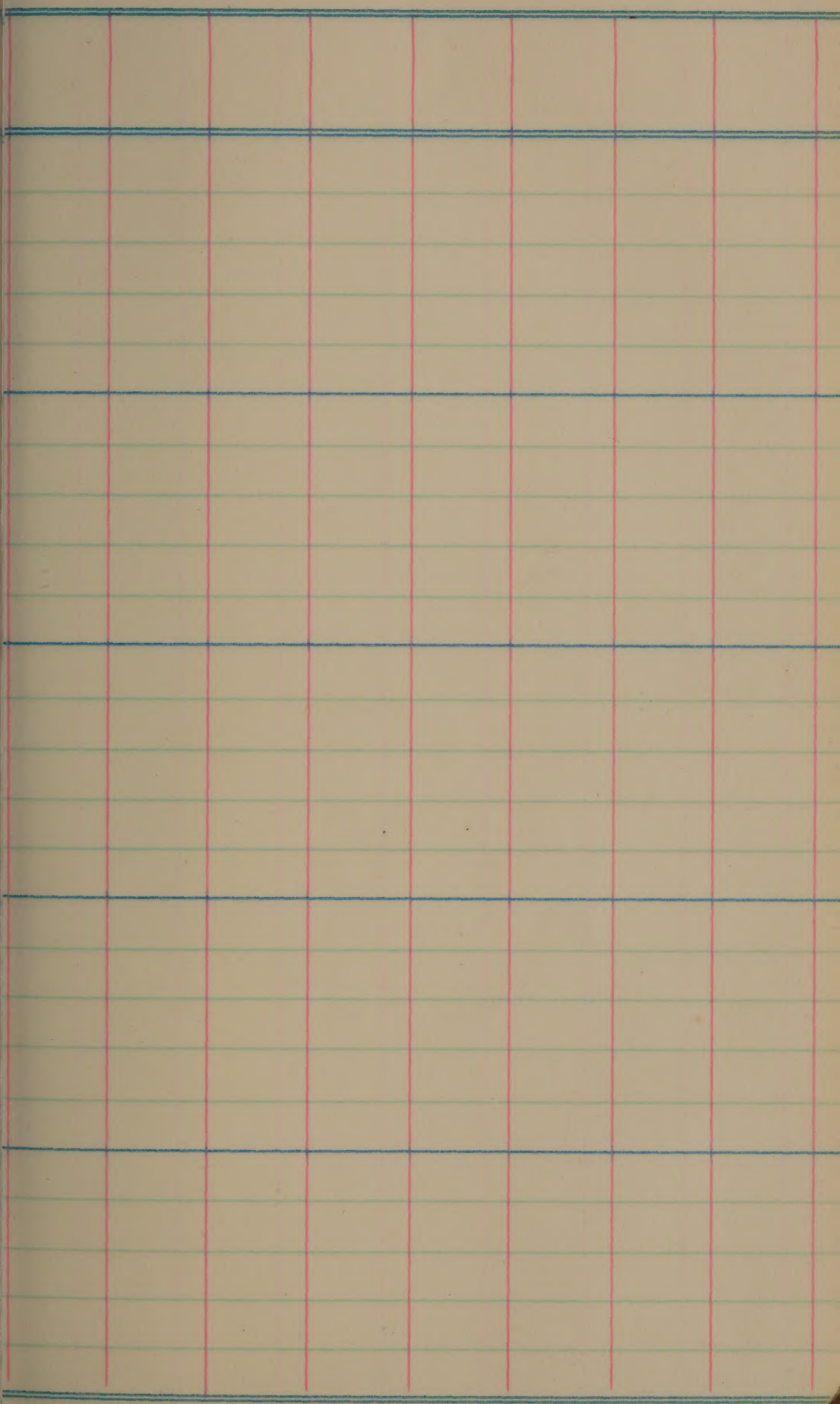


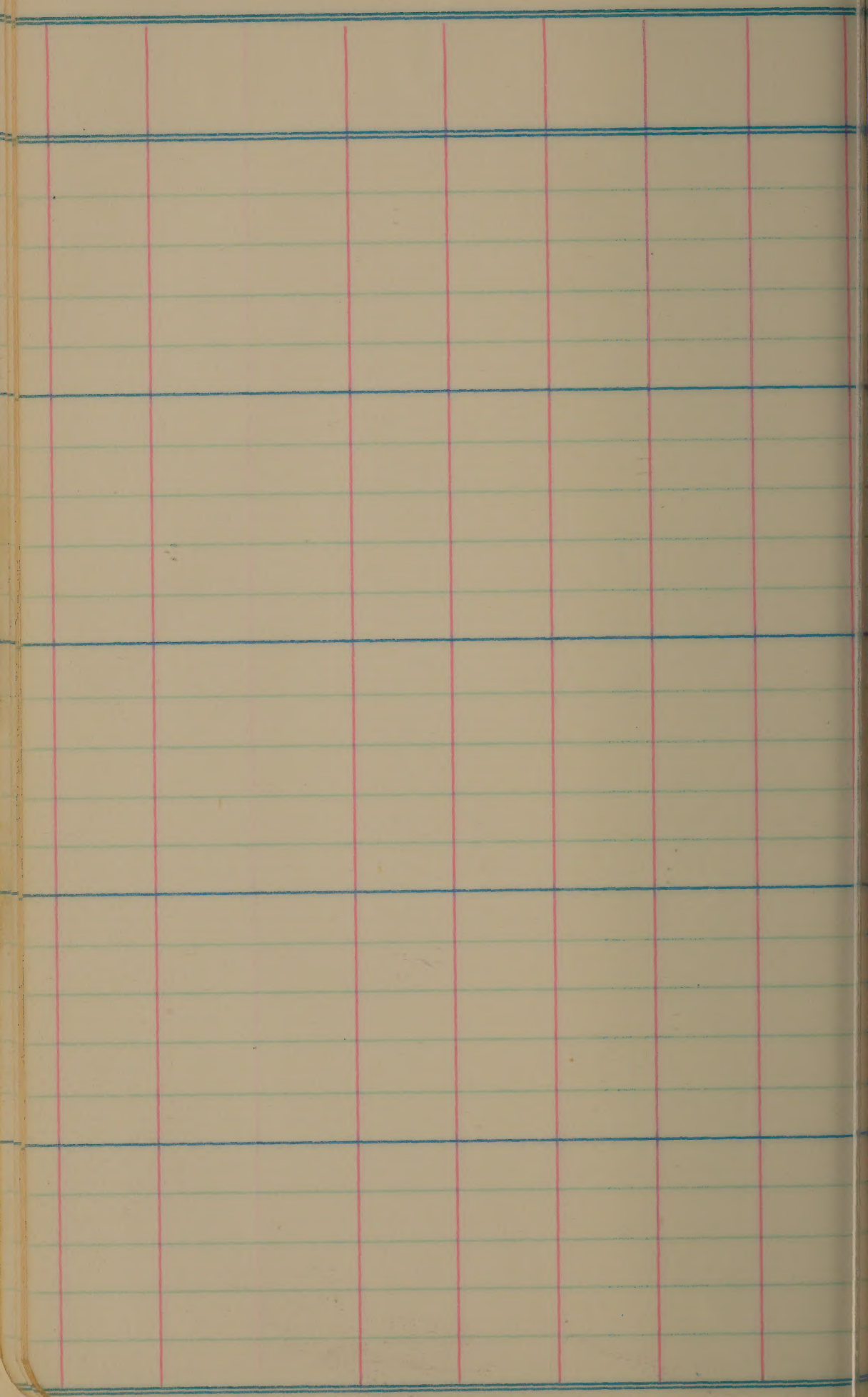


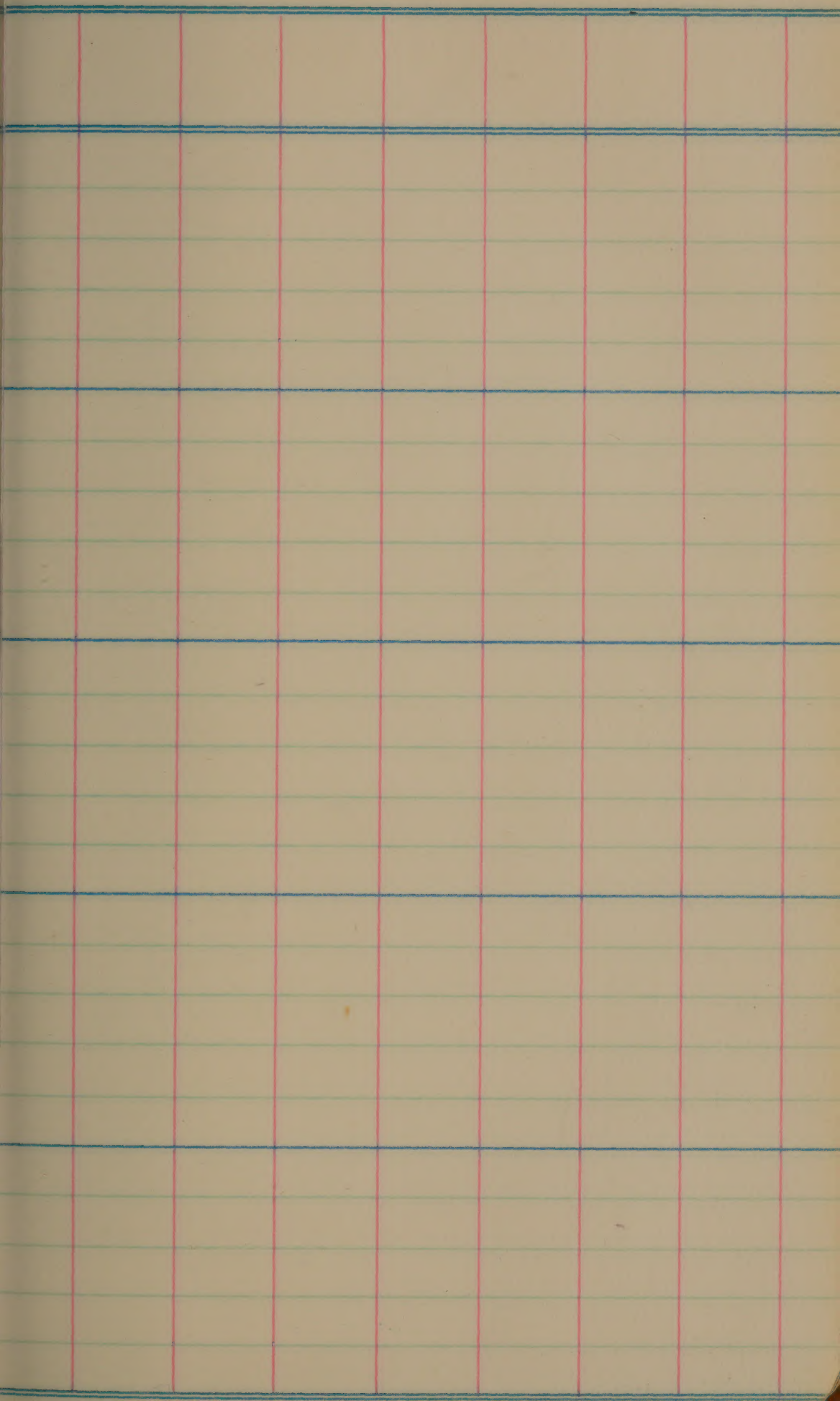




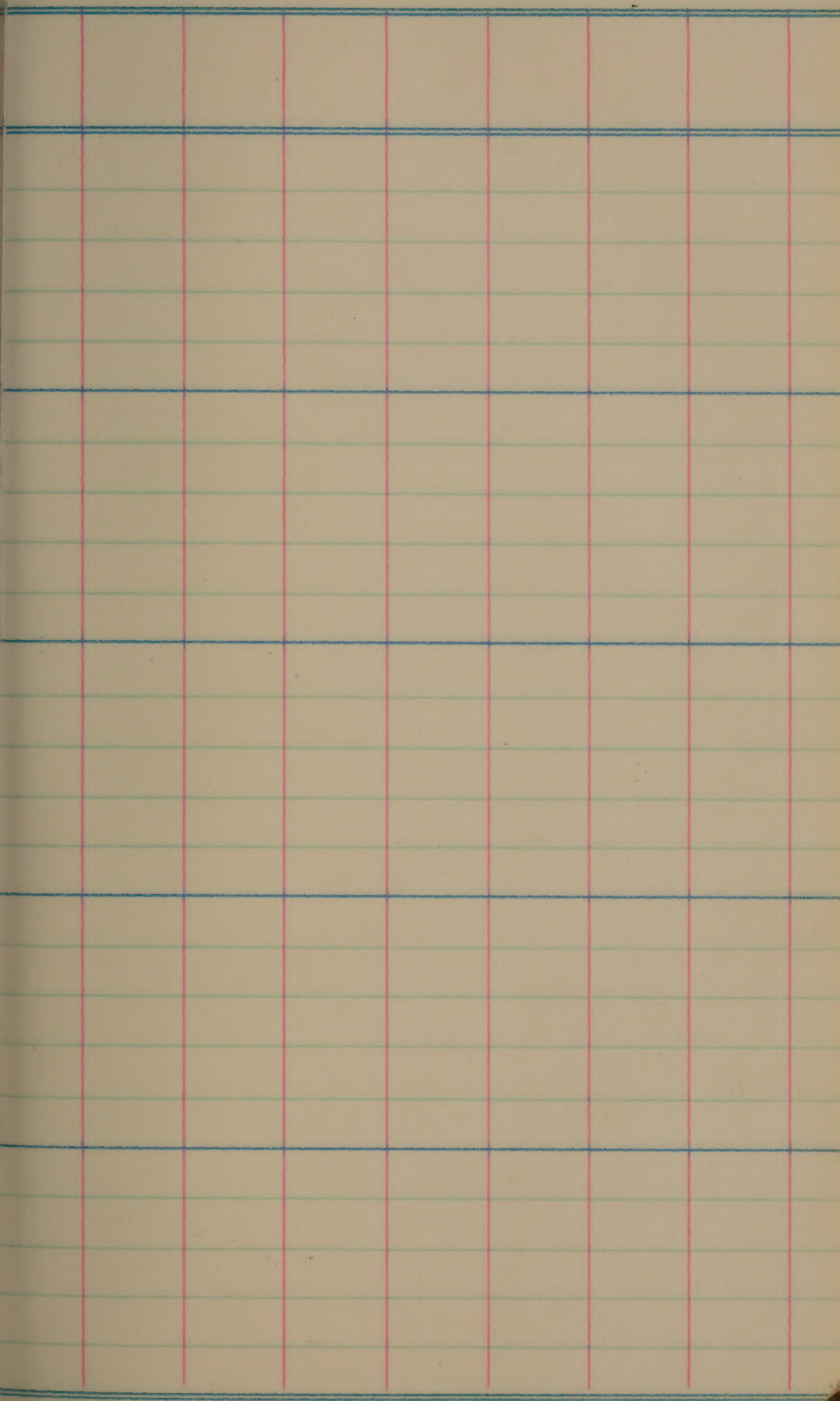


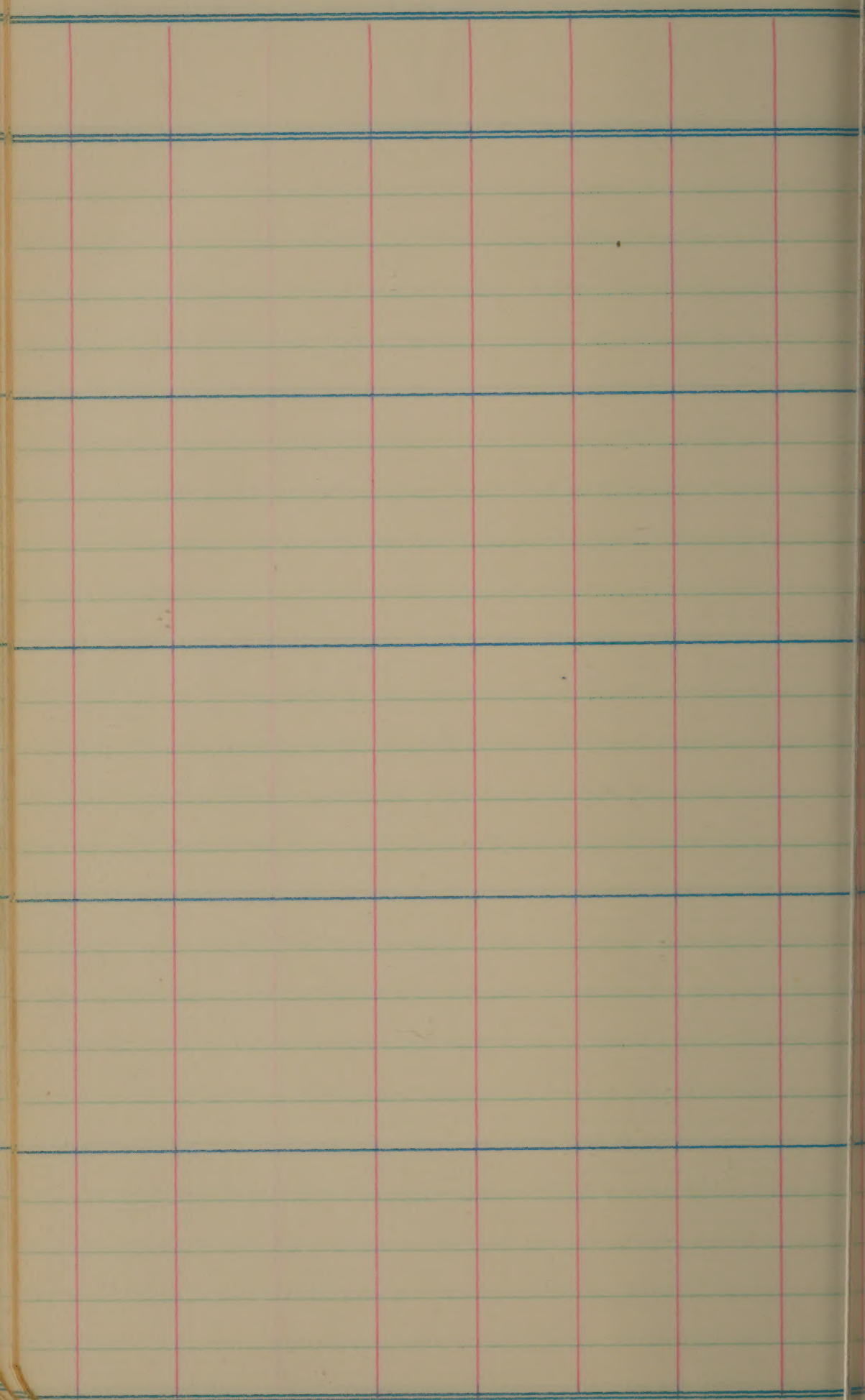


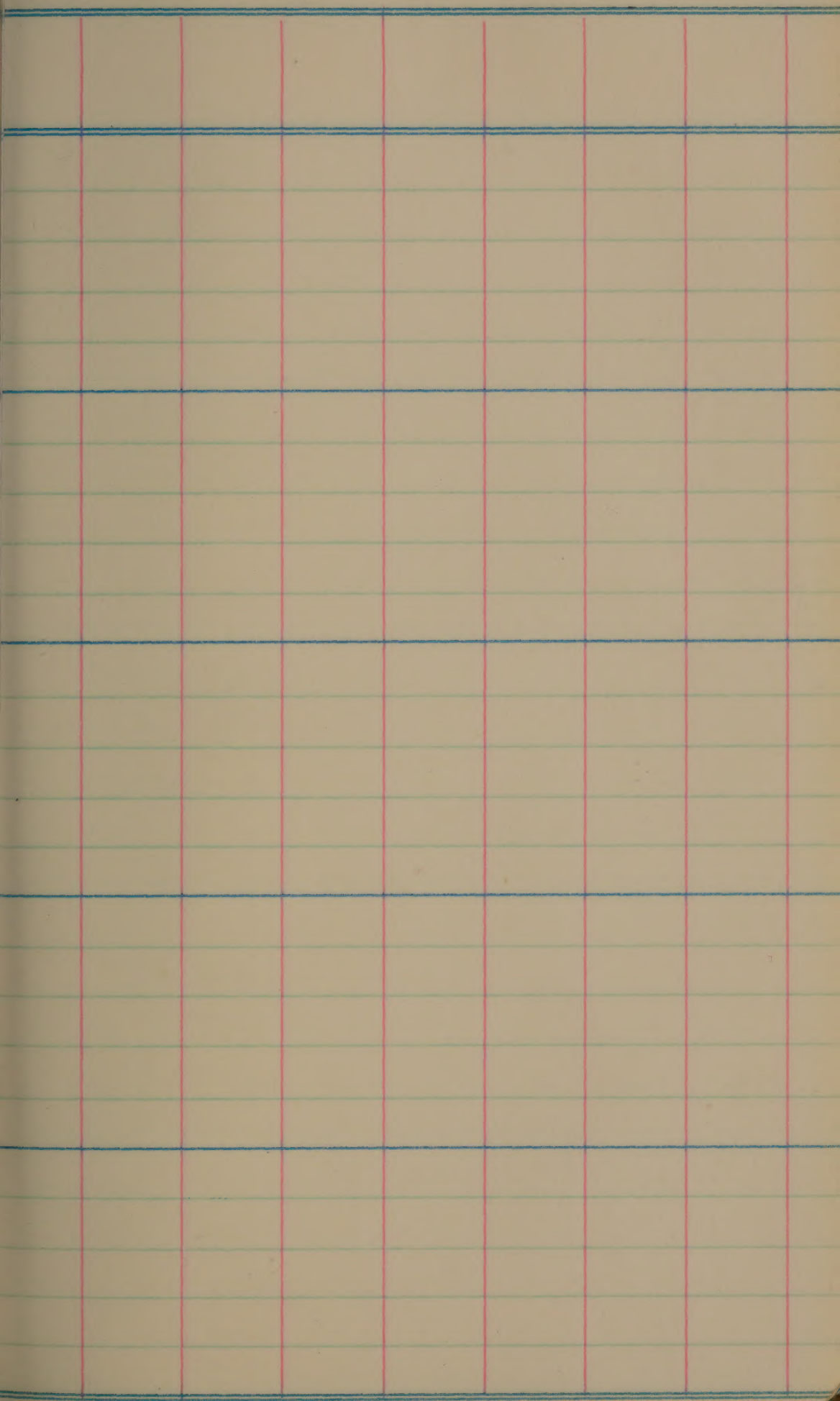


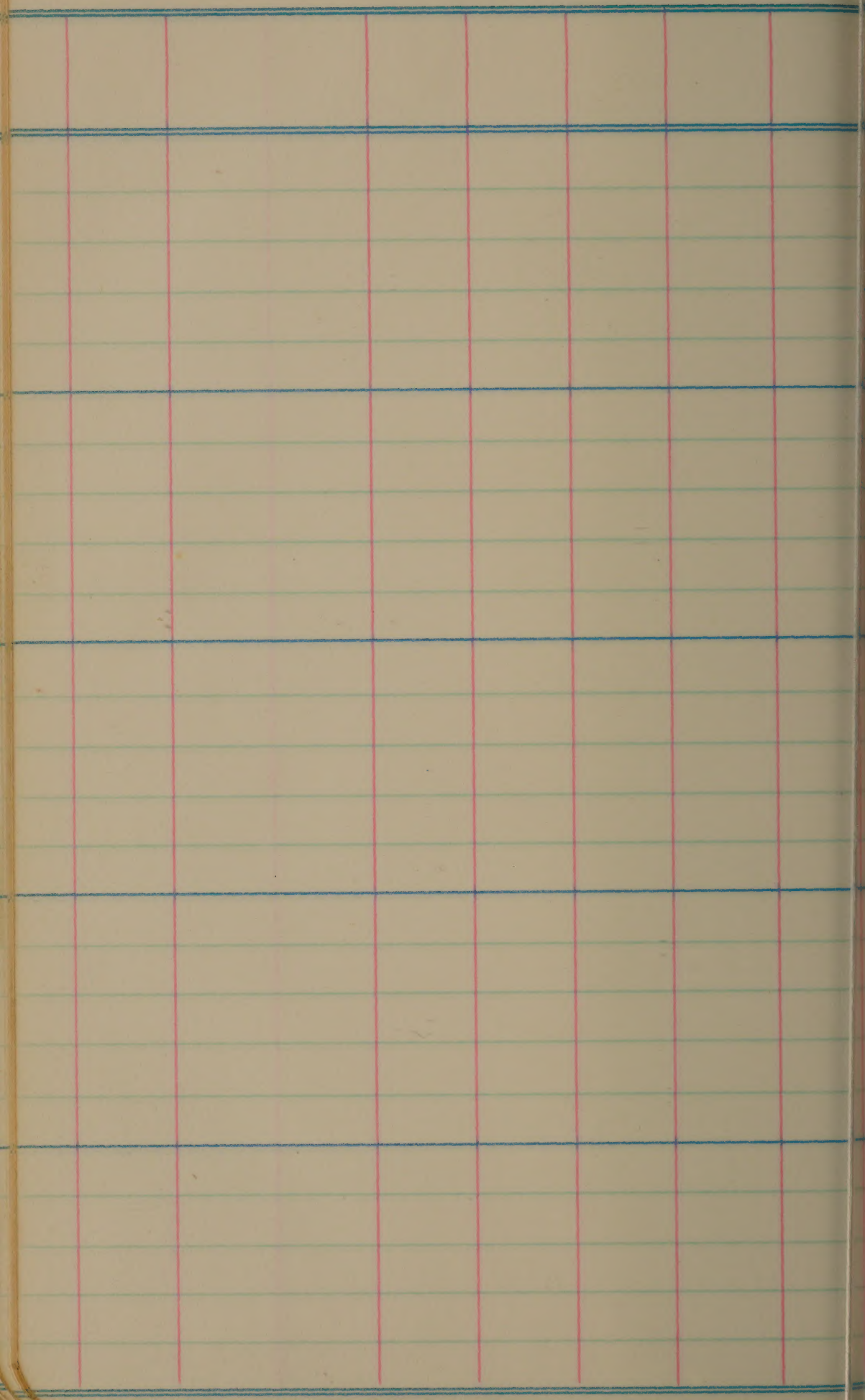


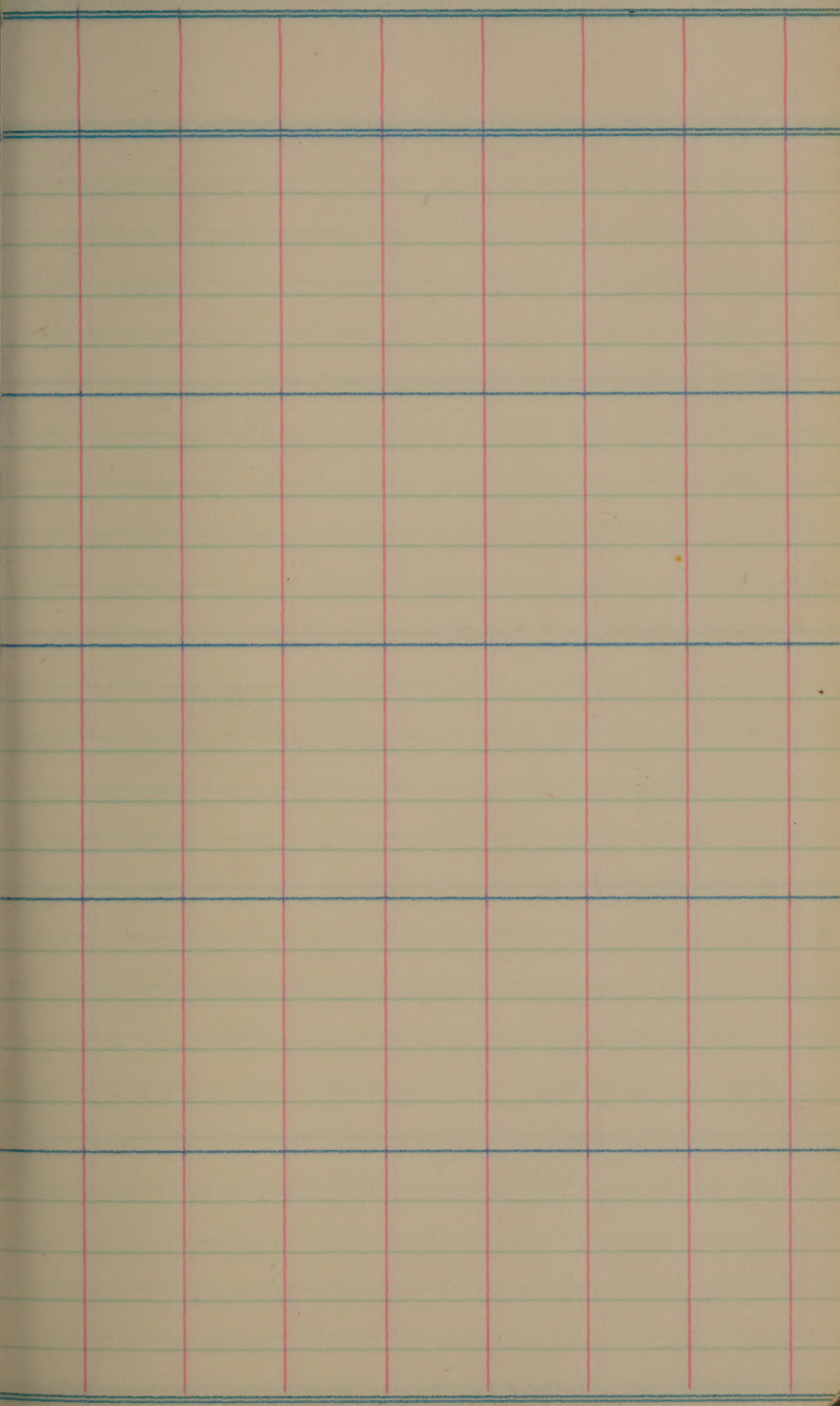
This image shows a blank ledger page with a grid of 10 columns and 25 rows. The columns are defined by vertical red lines, and the rows by horizontal blue lines. The page is cream-colored and shows signs of age. The grid is used for accounting or record-keeping. The columns are of equal width, and the rows are of equal height. The page is blank, with no text or markings other than the grid lines.

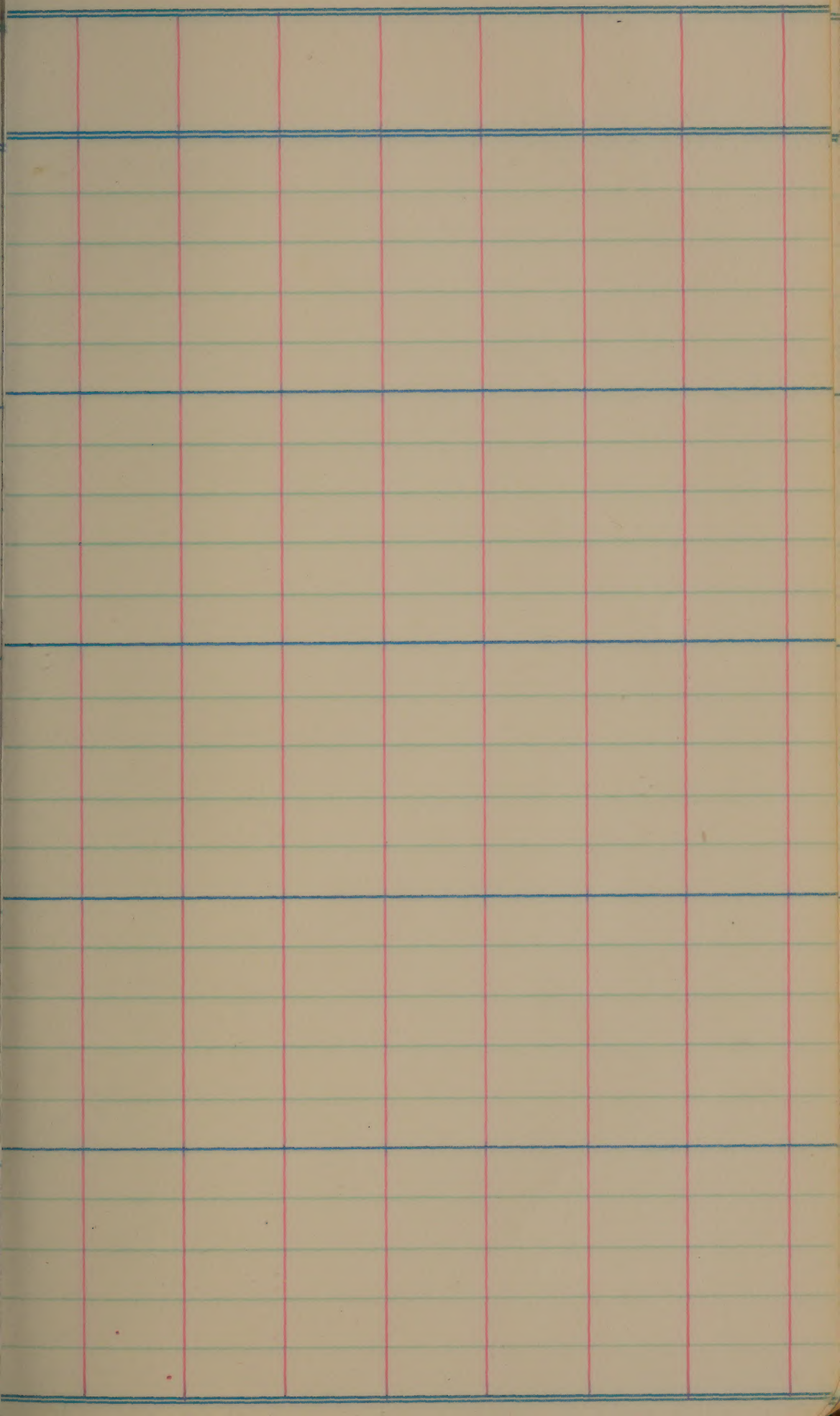


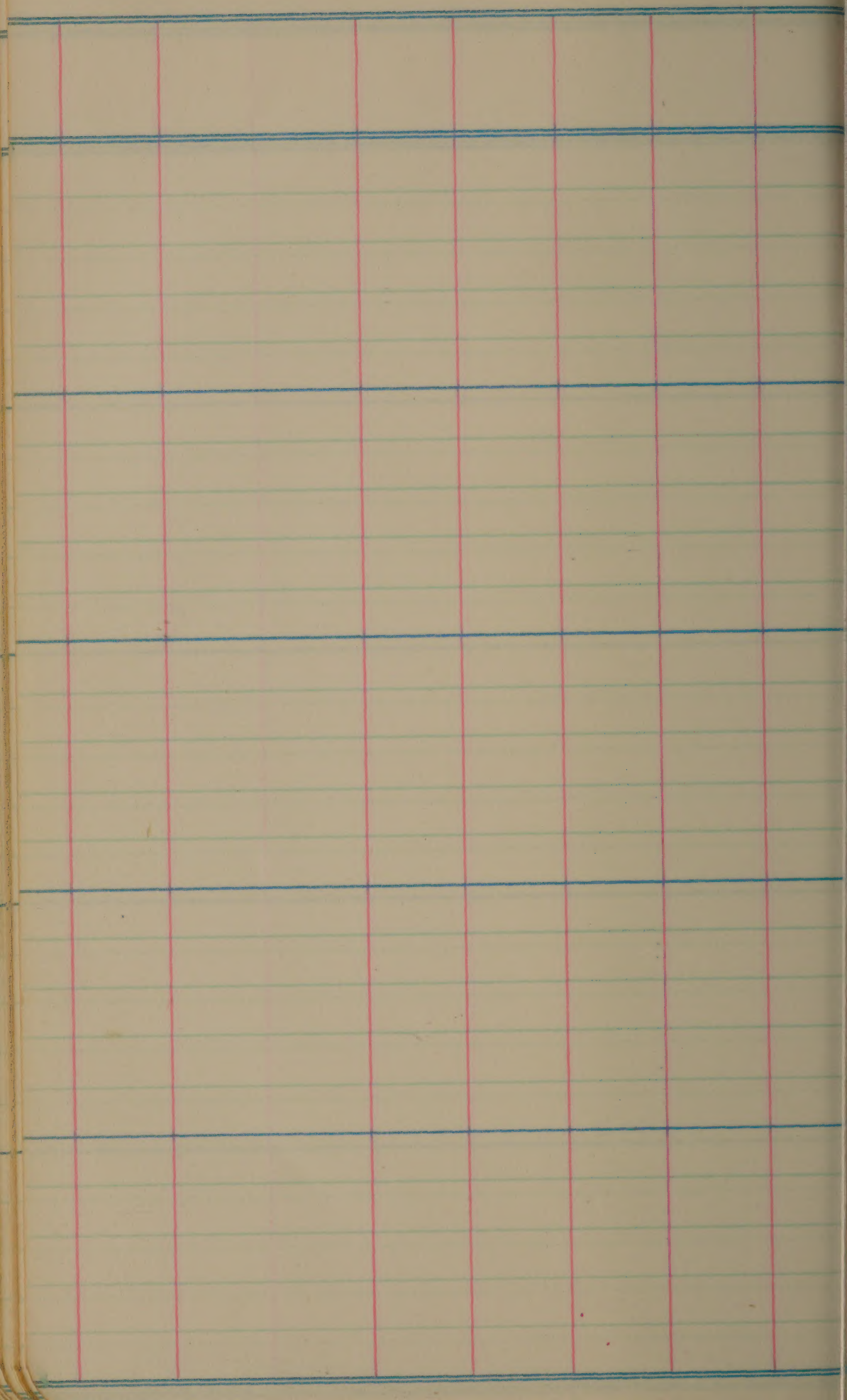


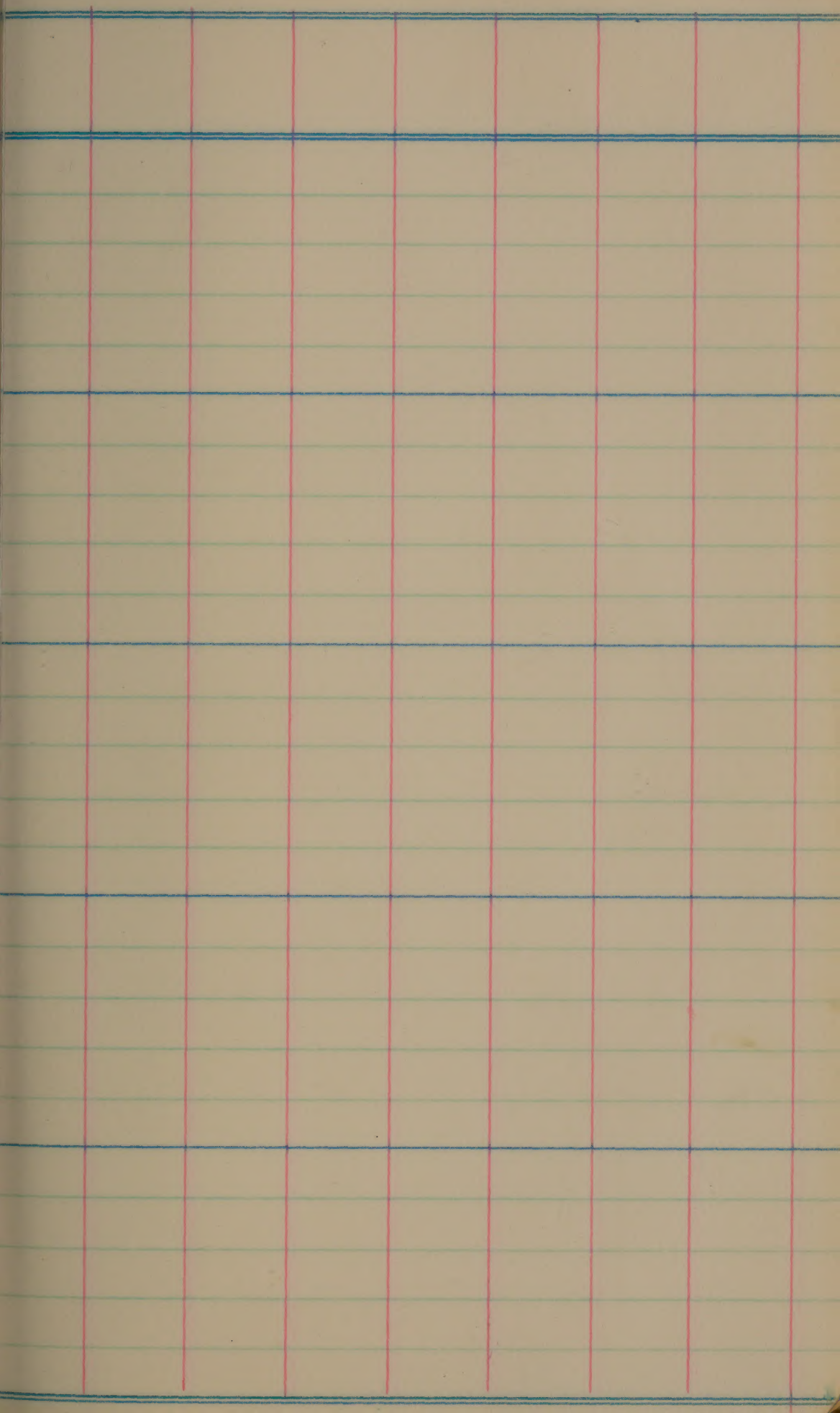


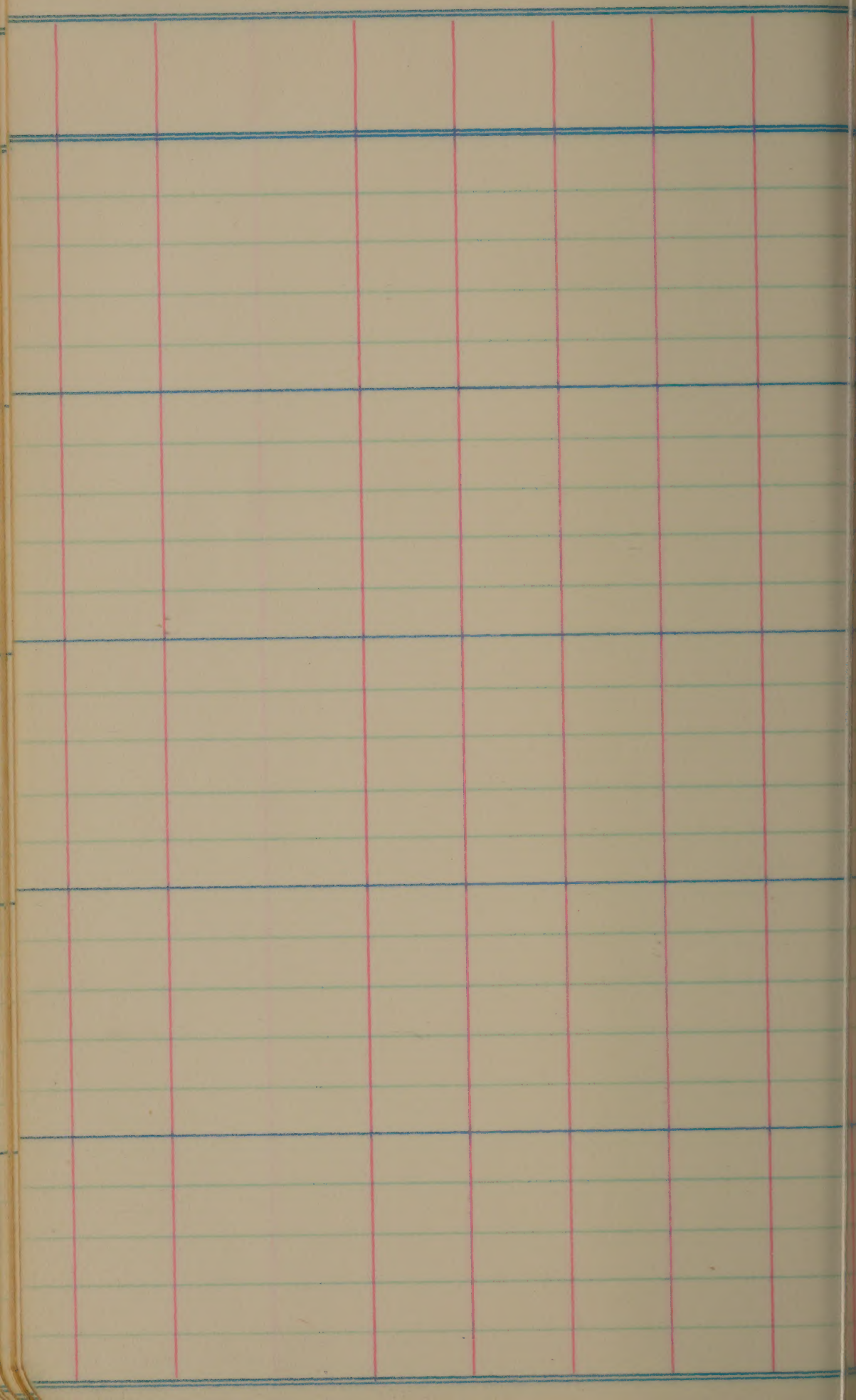


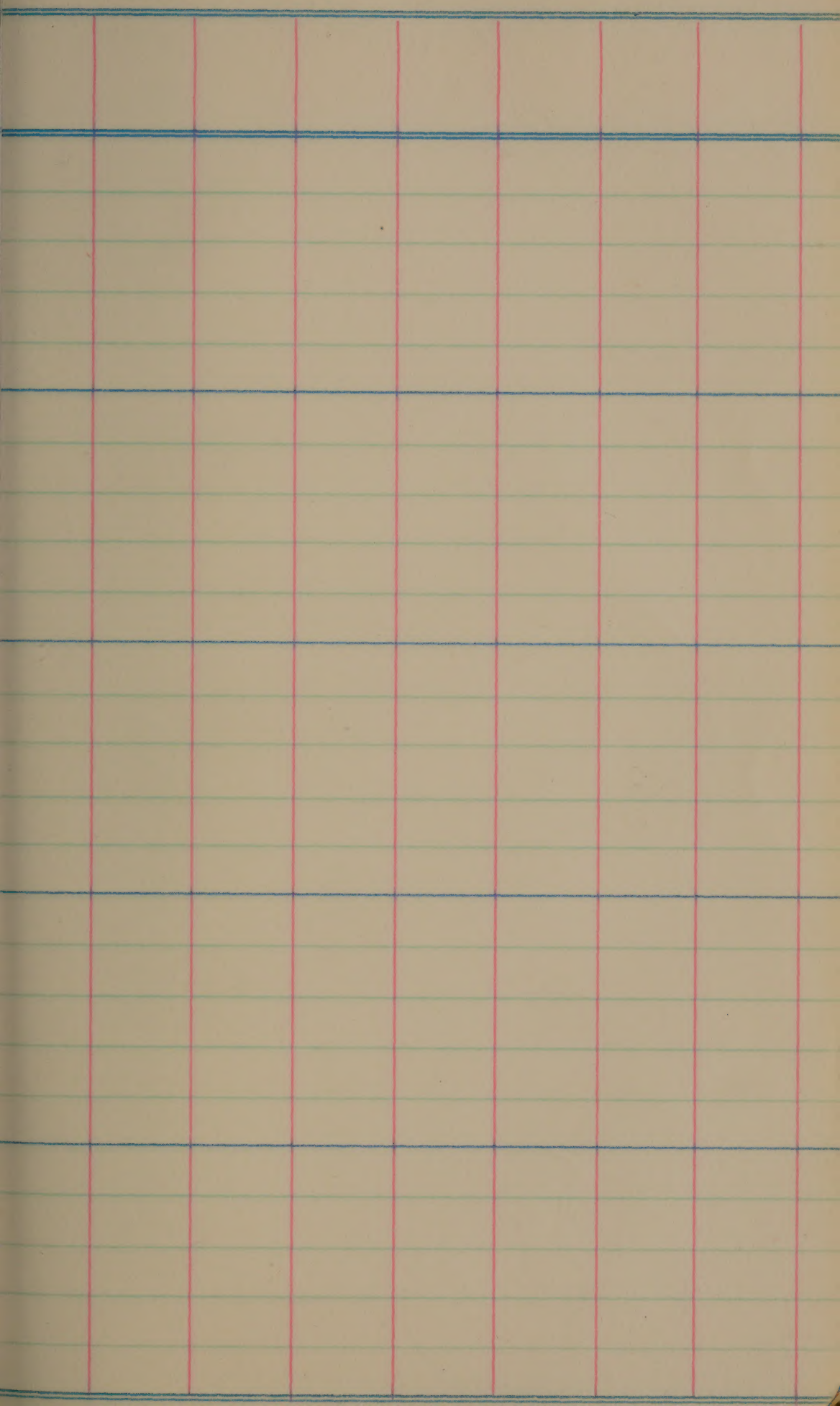


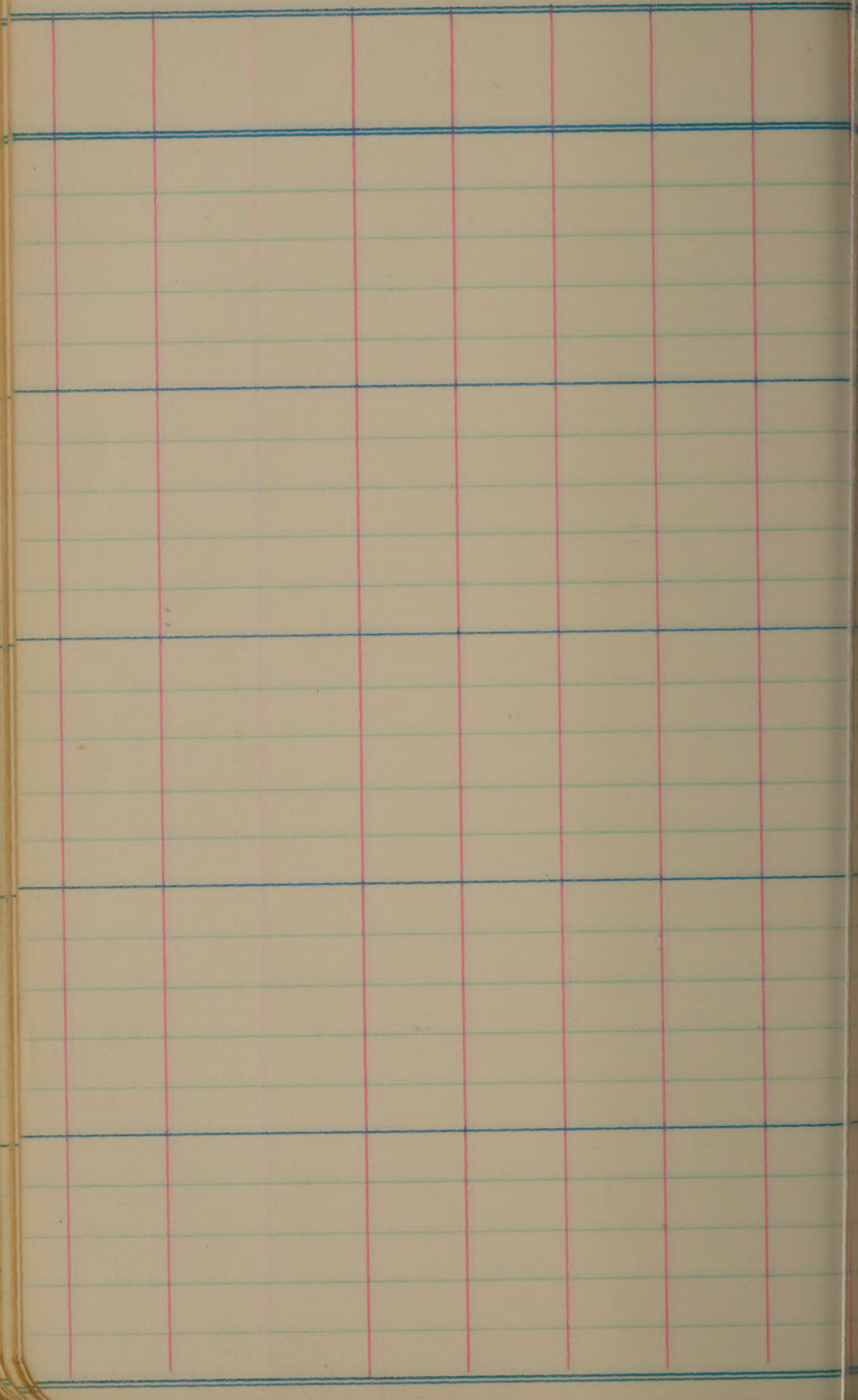


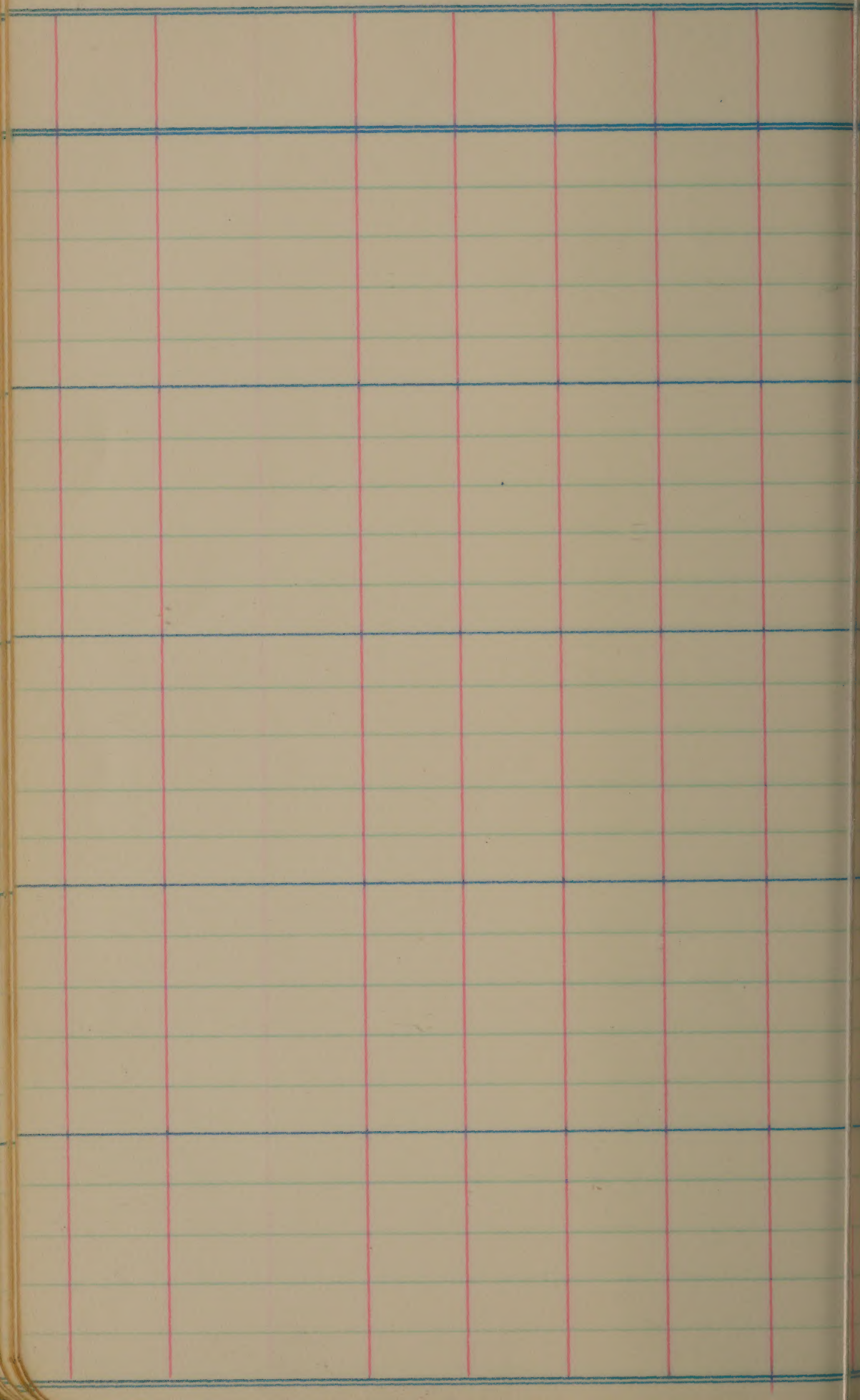


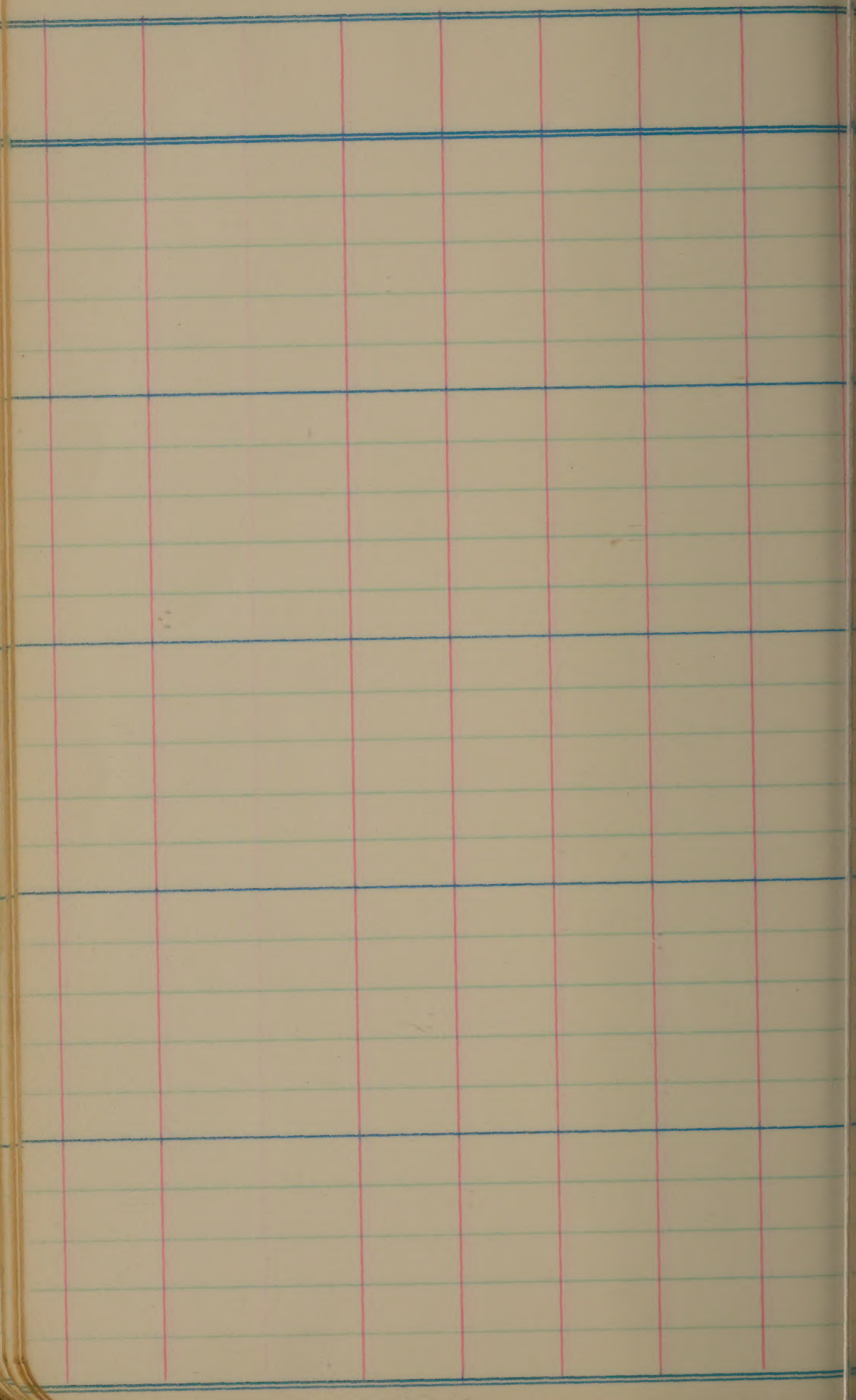


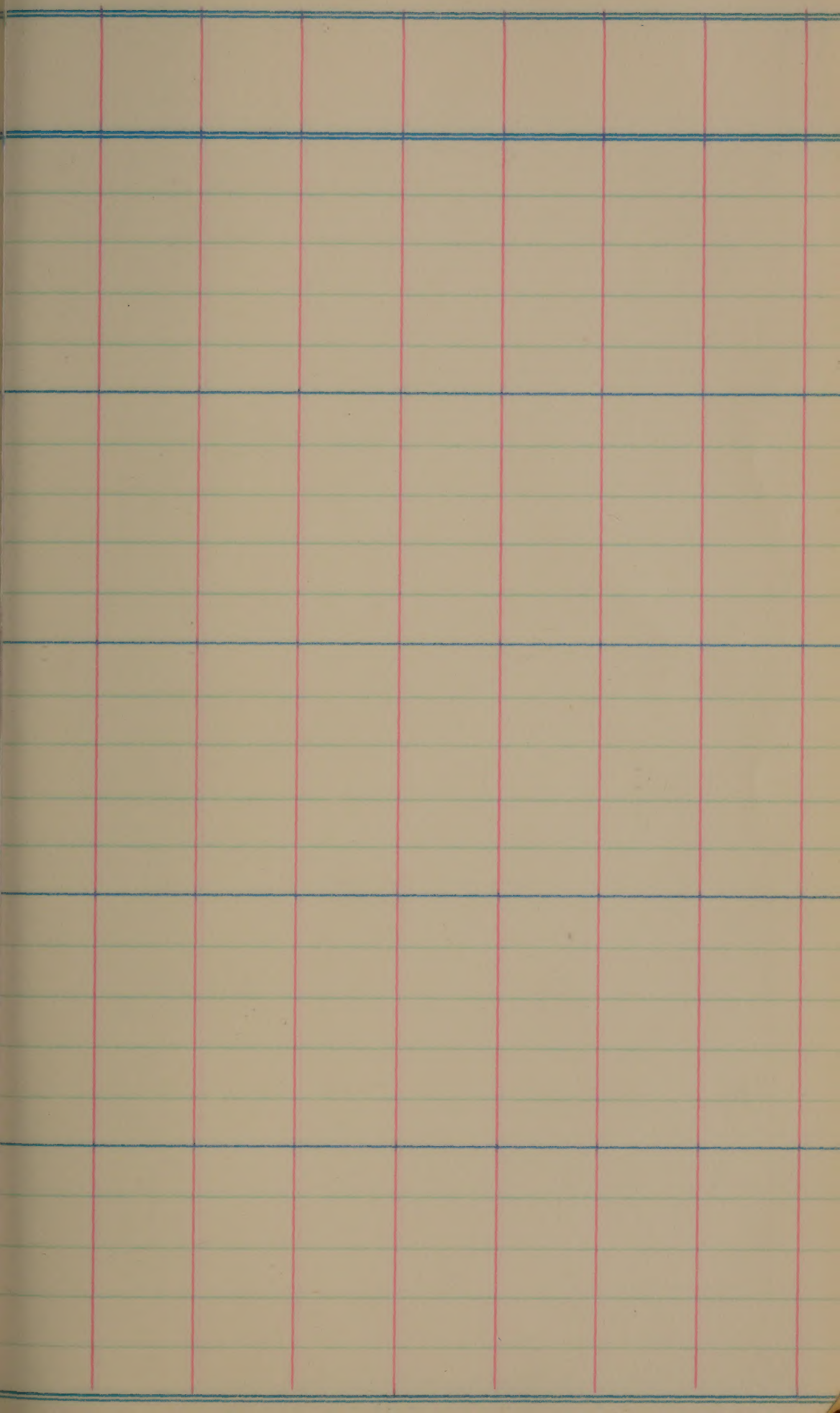


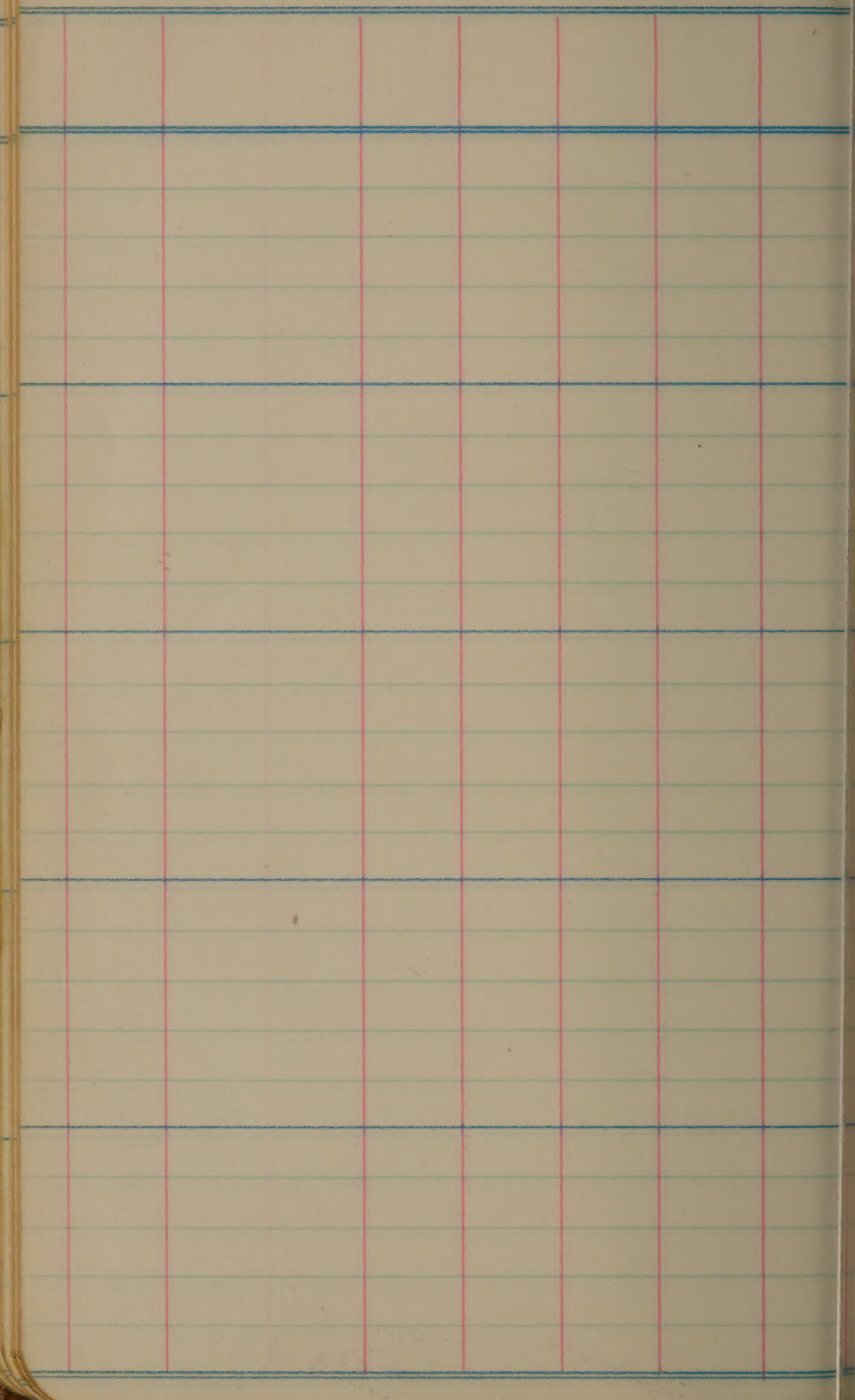












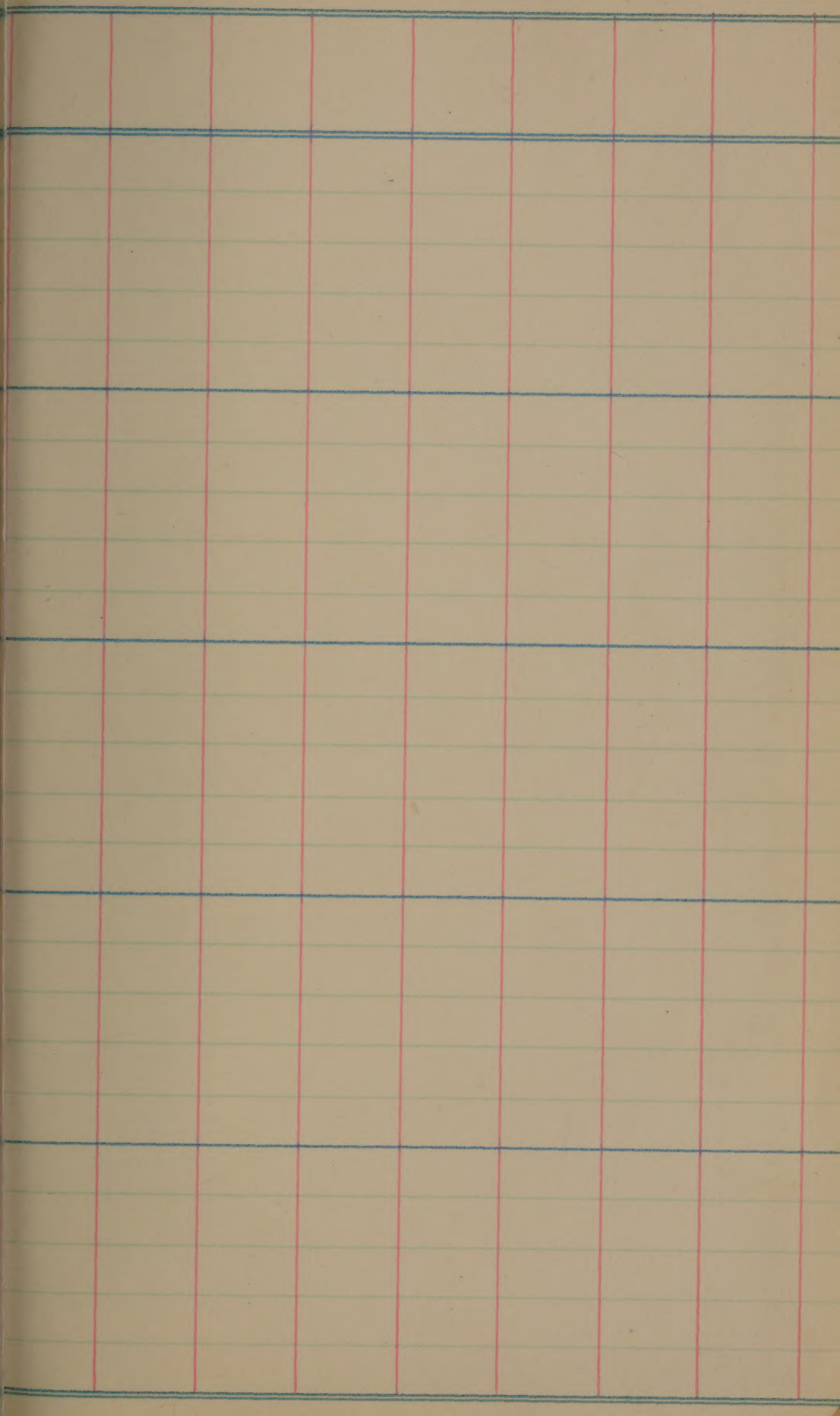
203

206

210

211

216



501

203

202

210

211

216

June 15 } fertilized heavier than
July 15 } earlier dates. ?

Salt water tanks which ran over 9/12-15

1 no.

2 no

3 no.

4 yes

5 yes

6 no

7 yes?

8 yes?

9 no

10 no?

11 yes

12 no

Have 16 f. plots on east side to thresh 9/17 + 9/18

125
126
141
146
147

Nov 8/17/51

129
150
151
155
169
172
173

Nov 9/1/51

152
167
175
131

Nov 9/14

122

128

JOB

151X

144

145

150X

Reach 155X

142

143

155

130
133
132
134
135
136

171

176

24
bunches

148

~~148~~ OK

153

156

161

162

168

170

Sept. 29 or later

Salt tolerant variety to
B. S. from Malaya.

Chubai[#] 18 ask chun chun

Cross 18 with:

no 15; 16, zenith +

Lodging notes

ln = leaning some lodging
al = " and or 25-50% lodged
mod = " over 75% down
Bad = all lodged
V Bad =

91
92
102
103
105
10
10

Page 28

SUGGESTIONS CONCERNING FIELD DATA AND NOTES

DIVISION OF COTTON AND OTHER FIBER CROPS AND DISEASES

It is suggested that the following general information be recorded for each field experiment:

1. Name of experiment or study.
2. Soil type.
3. Previous crops and fertilizers (2 years).
4. Preparation of land: (a) Methods (b) Dates
5. Size of plot:
 - (a) Area in square feet
 - (b) Number of rows
 - (c) Length of rows
 - (d) Width of rows
6. Fertilizer:
 - (a) Pounds per acre
 - (b) Analysis (N-P-K)
 - (c) Time of application
 - (d) Method of application
 - (e) Side dressings
7. Planting: (a) Date (b) Rate (c) Method
8. Thinning: (a) Date (b) Method (c) Approximate optimum spacing attempted
9. Cultivation: (a) Implements used (b) Dates
10. Dates at which all notes and samples are taken.
11. Dates of pickings.

The following suggestions are made in regard to recording data:

1. Record all dates as figures, giving the month and day of month, as 5/16 (May 16).
2. Record all field weights in pounds and decimal fractions of pounds. The requisite accuracy depends somewhat on the size of sample, but for ordinary size plots 0.1 pound is usually satisfactory. It is suggested that small samples be weighed more accurately (0.01 pound).
3. Estimations, such as seeding vigor, shedding, color, etc., may be recorded either numerically or with letter designations, as is found convenient; for example (seeding vigor), 1=Excellent, 2=Good, 3=Medium, 4=Fair, and 5=Poor; or E=Excellent, G=Good, M=Medium, F=Fair, and P=Poor. An explanation of legends should be recorded for each variable and experiment.
4. Diseases and insect pests.
 - (a) GENERAL.—Attack by diseases or insect pests should be recorded by suitable legends to indicate type of disease or pest, percent of plants killed or affected, and, in serious attacks, estimating crop loss. For example, FW *5/35-7 (Footnote* Fusarium wilt 5 percent plants killed, 35 percent affected, 7 percent loss estimated).
 - (b) SPECIAL.—Where the book is used for taking notes on regional field tests on disease resistance, treatments, etc., it is suggested that directions which are furnished for taking uniform data be pasted, or copied, in the front of the book.
5. Diagram, to scale, the block on which each experiment is conducted, showing visible soil differences, variable plant response attributable to soil differences, drainage, or unequal irrigation, slope of land or contours, and any other features which may materially assist in interpreting the results. The square ruled paper in the front of the book may be found useful for this purpose.
6. Explain clearly all legends used.
7. Identify all experiments as to location on blocks and YEAR.

For types of experiments for which this book does not provide ample page space, larger sheets should be utilized. In taking data, which are to be reported in this book, or on larger sheets especially provided, the field or laboratory determination should be written directly, at the time of weighing or otherwise determining, and submitted to Washington, or filed as the permanent record. Avoid all possible transcribing or typing of raw data.

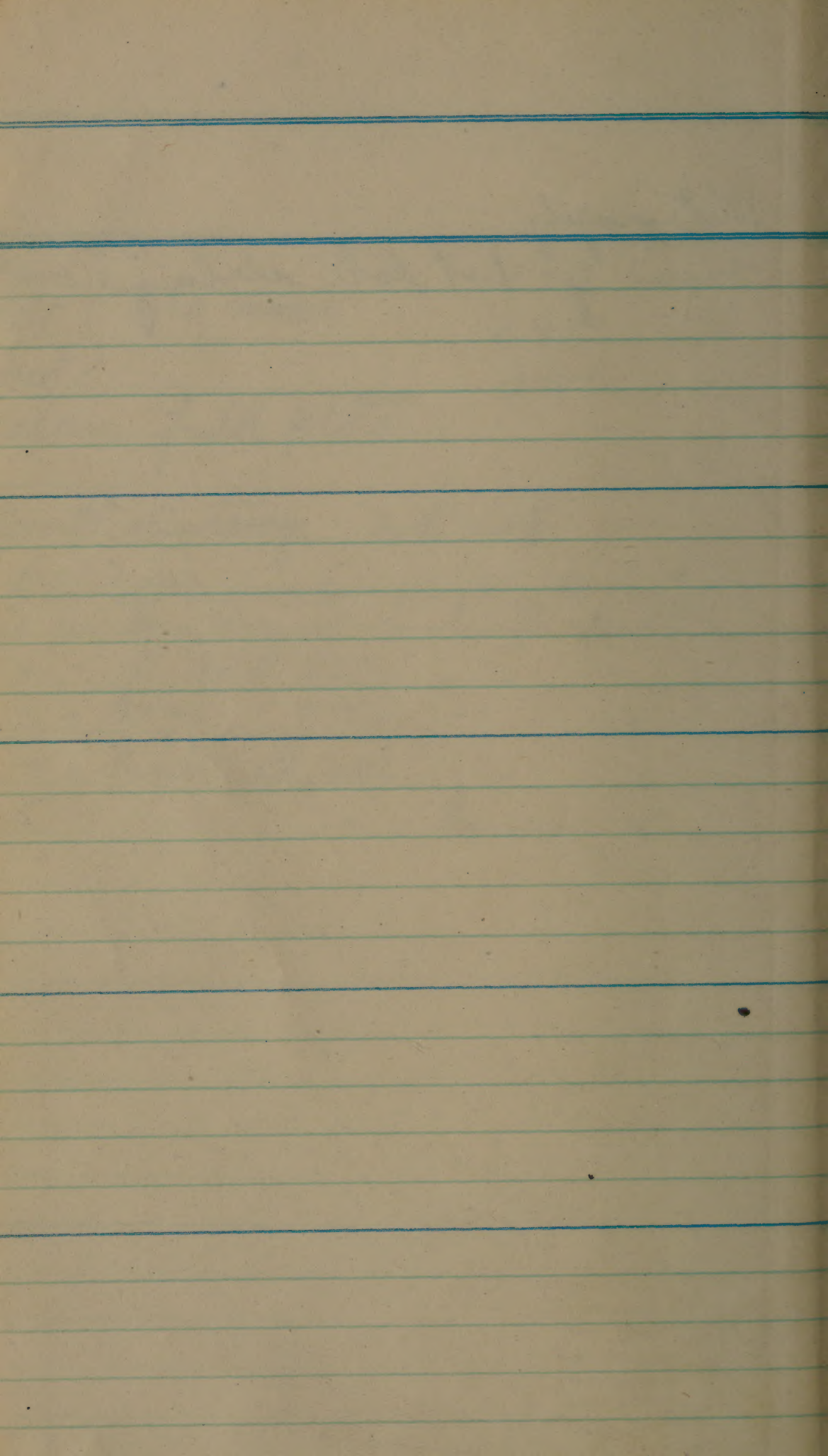
Mura	} yield mura.	347
BBT		348
Fort		351

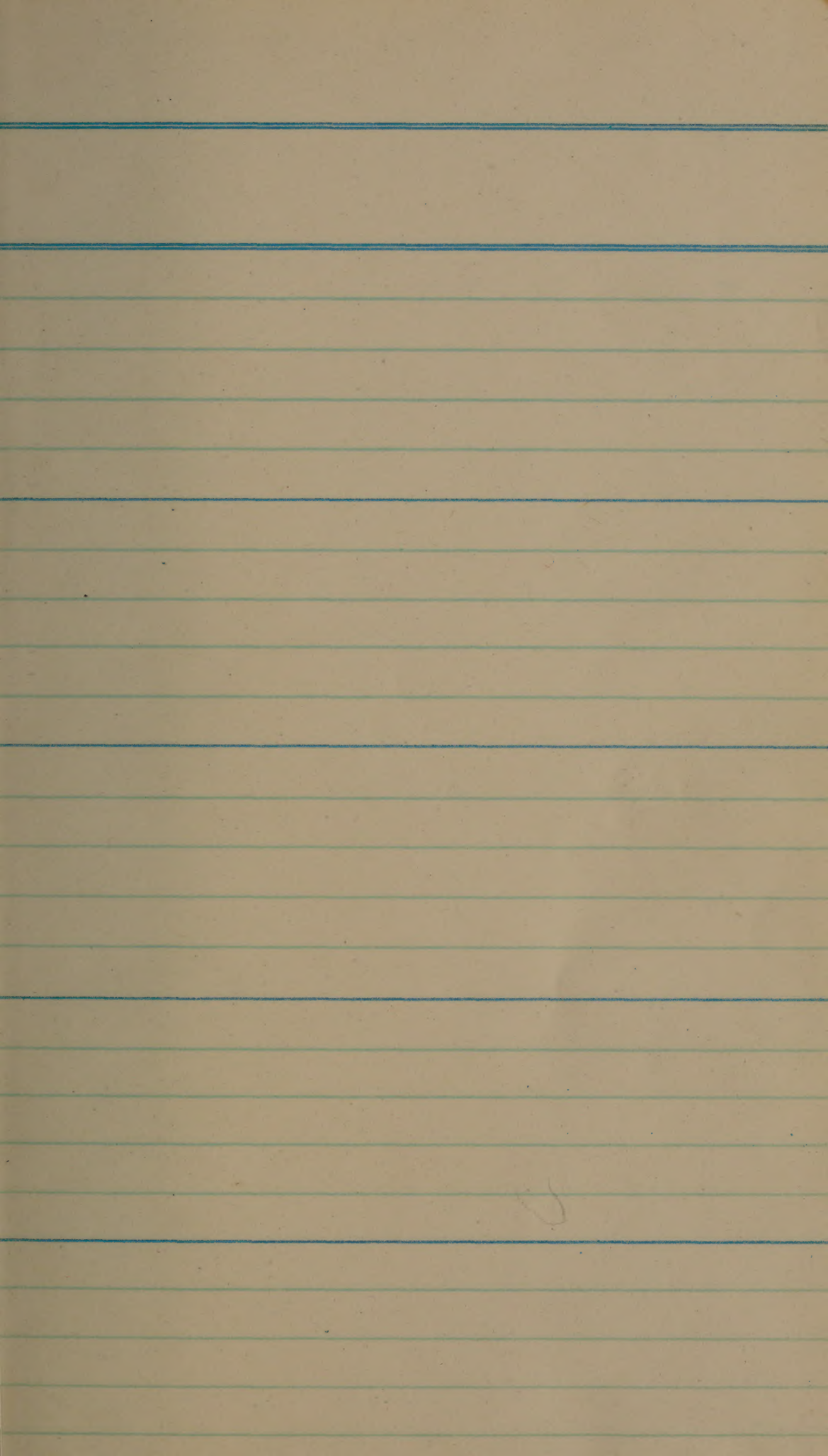
calow. field plots,

Growth + Antwerp. 3rd date.

0 =	None	few plants affected
1 =	one or more	few plants affected
1 =	less than 10%	plants affected
2 =	at least 25%	" "
3 =	over 50%	" "
4 =	Practically all	" "
5 =	" "	leaves "

Photography
made of 1st date seedling





1 bud = 75 90 T = Trade (sl)
 lodged = 100 70 mod = 15 90
 1 to 14 hr 8/30 ln = leaning

Early maturing short and medium-gr

Test No. 1 (Uniform Group)

1 Colusa 101 7/21 7/29 8/20 47

C.I. 1600

4

201

309

405

7/21

8/20 (114) 49

2 Cody

C.I. 8342

3

102 7/23 8/1 8/23 46

210 0

312

408

7/23

8/23 (117) 46

3 S4111A1-1-2-1,

EBR - BR

16

103 7/28 8/3 8/28 48

Cdy - S

211

302

403

7/28

8/28 48

4 Early Prolific

C.I. 5883

15

104 7/26 8/3 8/31 55

207

313

407

7/26

8/31 (125) 55

5 Across 250

105

7/26 8/10 8/31 48

205

301

411

7/26

8/31 (125) 48

Sown April 28

following storm on 9/2
when most were sl
over ripe

varieties:		Taken 9/3 C.O.		W.T.
lodging				
ln		T		3
o				3
ln				3
o				3
o-ln	—	T		3
o		T		1
o				2
T				1
T				2
o-T	—	T		1-2
o	bad	T		0
o				0
o				0
o				0
o	bad			0
sl	bad	T		2
bad				1
bad				2
bad				1
T-75	bad	T		1-2
o		o		1
o				1
o				2
mod				2
o-15	—	o		1-2

Bad by N.T. this season a number
of steriles,

looks better than colusa this year
a very heavy plot,

Heavy plot, a good smooth type
very fairly easy to thresh, soil
does not appear to be as heavy as
Zemith.

v. tall, fairly good plot.

Too leafy!

x1.5

56.6 70.0

sl. opaque texture,
considerable check along
under side of grain.

478

534

537

312

1861 2792

62.3 70.4

clearer texture than
Colusa

629

531

387

513

2060 3090

61.4 68.8

opaque texture

522

452

504

453

1931 2894

58.7 68.3

opaque, heavy bran

672

551

685

528

2436 3654

58.0 67.7

58.6 66.4

for fat

401

484

519

382

1786 2679

6 B4310A1-20, 106 7/25 8/3 8/30 51
 SmBR-BR41 13A 203
 x
 BR41-EP 311

410

7/25 8/30 51

7 Magnolia 107 7/23 8/1 8/24 49
 C.I. 8218 8 208
 314

412

7/23 8/24 (118) 49

8 B4311A2-22-1-1, 108 7/21 8/1 8/20 47
 SmBR-BR41 12 209
 x
 8323-Z 303
 413

7/21 8/20 47

9 B45-15-5-10-2, 109 7/23 8/2 8/23 50
 Hill Mod x Z 9 204
 307
 406

7/23 8/23 50

10 Zenith 110 7/26 8/4 8/26 51
 (C.I. 7787) 11 212
 305
 402

7/26 8/26 (120) 51

body	Ho	Co	
0		0	T
0			T
sl.			T
ln			T
0-T	-	0	T
ln		0	1
bad			2
bad			T
bad			1
ln-75	-	0	T-2
0		T	2
0			3
0			1
ln			1
0-ln	-	T	1-3
ln		0	
ln			1
ln			1
sl			T
ln-sl	-	0	T-1
sl		T	1
mod			
mod			2
ln			1
T-15	-	T	1-2

shorter than EP, possibly
more stunted.

V. good, very few sterile panicles.

V. narrow leaves, looks like Century,
thin grains, sterile panicles,
light.

many sterile panicles as in
previous years, no explanation.

Looks to be as good as Tenuth,
possibly a few more sterile bds.

45.9 65.5

translucent, considerable
chalkiness.

517

586

577

622

2302 3453

56.0 71.1

57.4 70.9

697

551

631

547

2426 3639

31.1 68.5

translucent, no chalk
excellent appearance

382

402

431

405

1620 2430

57.3 67.3

translucent, no chalk
excellent appearance.

480

488

392

395

1755 2633

55.4 70.3

58.3 70.1

translucent considerable
chalk, inferior to 8+9

646

667

575

544

2432 3648

11	C50-4010, Mag x 250-3	(Crowley)	111	7/21	7/30	8/24	52
			213				
			306				
			414				
12	C50-4015, 250-2-2 $\frac{1}{2}$ x hac - Mag	(Crowley)	112	8/4	8/11	9/2	47
			202	cut a little green			
			308				
			401	8/4		9/2	47
13	Magnolia Sel. (1h)	(Crowley)	113	7/23	8/2	8/25	53
			206				
			310				
			409				
14	B433A1-4-7, B41-3299 x (R-SBR x BR41)		114	7/28	8/6	9/1	46
			21	214			
			304				
			404				
	check green			7/28		9/1	46

bad		0	1
V.B.			T
V.B			1
VB			
100	-	0	T-1
sl.	bad	0	
sl			1
0			T
ln			
0-15	bad	0	T-1
bad	bad	T	T
V.B			1
bad			T
V.B			1
75-100	bad	T	T-1
sl.	bad	0	T
0			
ln			1
0			2
0-15	bad	0	T-2

dries back too fast, not as
good as May. light pan.

much like Laron,
Prob. no better, & later
more sterility.

panicles are too sparse
appears taller & weaker stemmed
than May.

hardly as tall as Century
fairly good, early
threshed, not too tall
some stalks bad, appears to
be good for H.D.

60.7 69.4

Translucent, some chalk,
good shape

602

624

511

556

2293 3440

62.9 70.4

translucent, very little chalk,
excellent shape

459

470

464

467

1860 2490

66.6 70.6

Translucent, very little chalk,
excellent shape, one of best

548

500

535

588

2141 3257

52.3 66.2

translucent, chalky
under side on some grains,
smaller grain than 2.
rather poor appearance

569

595

550

505

2219 3329

15 to 27 hr 8/31 (except 28)

Early maturing short and medium - grainTest No. 2

15 B46-2637-3-1, 115 8/4 8/11 9/3 46
Hill Med. Sel 219

32 317

421

8/4 9/3 46

16 B45-15-1-8-2-1, 116 7/23 7/31 8/18 47
Hill Med x Z 30 224

327

418

7/23 8/18 44

17 B4045B44-8-17-15, 117 7/20 8/5 8/17 49
R-SBR x BR41 218

5

322

416

7/20 8/17 49

18 B4564A2-11-4-1, 118 7/23 7/29 8/25 51
Bruin. Sel. x Z 226

2174

323

428

7/23 8/20 51

19 B4564A2-5-1-1, 119 7/26 8/7 8/24 50
Bruin. Sel 216

2161

318

426

7/26 8/24 50

Disc

Short veg $\frac{5}{12}$

Very uniform heading, short
v. sturdy straw, v. few straws

Tall veg $\frac{6}{12}$

a very good plot, short straw,
v. uniform, but hard to thresh.

Has a number of blank heads in
3rd & 4th rows, not so good,
Irregular hit, many spikes
discarded, highly sterile

Threshes easier than 2.
The outstanding early smooth
med. grain selection, possibly
no taller than 3 with. Has excellent
grain, clean straw, easily threshed,
quite long. May be too tall.
Later, and wider leaves, ...

61.3 68.6

translucent, very little chalk,
small angled type, v. good
appearance.

583

449

555

512

2099 3149

60.8 68.9

translucent, v. little chalk,

533

437

531

460

1961 2942

475

470

350

472

1967 2651

61.3 69.4

translucent, trace chalk,
slightly smaller sized than
Semtex, more cyl. excellent shape.

552

543

479

514

2088 3132

44.5 70.6

longer grain than 118,
considerable chalk.

577

604

569

604

2354 3531

20 B45-15-1-8-6, 120 7/26 8/4 8/23 46
Hill Med x 2 228

28 319

417

7/26

8/23 46

21 B431/A2-9-1-1-3, 121 7/23 7/29 8/20 49
Sm BR-BR41 220

~~disc~~ 8323^x - Z 24 321

422

7/23

8/20 49

22 B4356A1-32-1-1-2, 122 7/22 7/30 8/20 47
8326 x 8323-Z 222

22 325

419

7/22

8/20 47

23 Honduras 123 7/29 8/7 8/27 57
C.I. 1643 49 223

316

420

7/29

8/27 57

24 Cal-1473-5-2, 124 7/27 8/4 8/29 48
221

29/3

320

425

7/27

8/29 48

o			R	
o				
o				
o				
o	-	R	o	
sl		R	T	
sl			T	
ln				
o				
o-T	-	R	T	
sl		R	o	
sl			T	
bad				
o			1	
o-75	-	R	o-1	
mod		MR	1	
mod			2	
bad			T	
bad			1	
15-75	-	MR	T-2	
sl		MR		
ln			2	
ln			1	
ln			T	
ln-15	-	MR	T-2	

short sturdy straw, hard
to thresh, does not look
to be as heavy as #16 but
good.

Too tall and too much
stinkety, disc,

Short straw, nice, big plot
rough hulls, threshes
about like Zenith.

V. tall, fairly good plot,

fairly tall, sl. ring.

53.6 66.0

chalky strip on under side
 of many grains, inferior
 to other Hill & Z. sels.

488

554

498

523

2066 3099

to

400

415

356

156

1324 19.91

54.6 67.2

traces chalky, sl. smaller
 grains than Zenith, cyl. excellent
 shape.

504

531

603

398

2036 3054

40.4 69.2

some chalky,
 grains rather flat.

534

456

596

498

2084 3126

39.1 67.7

some grains with chalky
 strip on under side,
 sl. shoe peg tendency

510

532

484

693

2222 3333

B4536A1-3-1-1, 125 7/30 8/9 8/31 51
 25 R-7689 x Hill Med 215

2734 326

423

B4516A2-43, 126 7/29 8/8 8/29 46
 26 Hill Sol x 57 217
 (TP x R-SBR) 324

424

B4511A1-18-2-3
 B4536A1-24-2-4, 127 8/4 8/12 8/31 45
 27 R-7689 227

~~x~~
 Hill Med 373/ 328

Hill del x (TP x R-SBR) 415

8/4 8/31 45

B4530A1-6-1-1, 128 8/26 9/25 45
 28 TP 49 x Hill Med. 225 Too late for this group

3770 315

427

8/26 8/25 45

disc's
 Panter 9/20

mod		P	1
mod			T
bad			
mod			T
15-75	-	-	T
0		R	
0			0
0			1
ln			
0-ln	-	R	0-1
0		MR	
0			
0			
0			
0	-	MR	0
0		R	
0			
0			
0			
0	-	R	0

Has very narrow leaves, erect leaf habit,
looks like a short stemmed
rice erect long hd. Has a
very long grain, (long plot
20 leaning, but not flat in most plots)
good, shorter straw than
Cult, questionable grain,
slight, short hd & stubby in
end

later than #26, short hd

Still say 6/19

Too late for this group
v short straw, erect flag, short
hd,

36.7 66.2

794

Dull texture, longer than
Rex, much more slender.

684

V. good looking sample

738

731

2947 4421

38.0 68.1

641

more slender than Rex sl
larger, about like Century
it grows sl curved.

351

573

636

2201 3302

42.2 69.1

470

excellent qual. long slender
grain type, Looks better than
Cent. not as many white tips.

417

521

434

1842 2763

330

310

315

302

1257 1886

25 29 to 42 hr 8/31, (except)
(32, 33, 35, 36, 42, hr 9/6) ←

Early maturing long and long slender

Test No. 3 (Uniform group)

29 Lady Wright Sel. 129 7/24 8/1 8/22 52

235

34 334

430

7/24

8/22 52

30 Zenith, 130 7/26 8/3 8/24 50

C.I. 7787

237

38 342

439

7/26

8/24 50

31 Century 231 131 7/27 8/4 8/25 48

231

47 333

436

7/27

8/25 (1/2) 48

32 S4031A1-1-1-7-1, 132 8/3 8/11 9/1 47

TPx R-SBR

232

48 336

437

8/3

9/1 47

33 Century 52 133 8/4 8/11 9/1 47

229

45 330

435

8/4

9/1 47

grass varieties:

after
9/20/04

0		S	3
0			2
0			3
0			2
0	-	S	2-3
sl		MS	1
ln			1
0			2
ln			2
0-15	-	MS	1-2
ln		MR	
ln			T
ln			T
ln			
ln	-	MR	T
0		MR	1
0			1
0			1
0			2
0	-	MR	1-2
0		MR	
0			
ln			T
0			
0-ln	-	MR	T

many sterile heads. not as heavy
as Zenith

Taller than Cent 419
a very good plot,

v. good,
stood up better than Cent 56,
looked to have a little better straw

early draining may have
injured this plot, same matter
as Cent-52

may have been injured by
early draining

38.5 66.5

wrong grain type

399

372

361

403

1535 2303

54.2 68.9

Trace chalk, good,

500

542

473

565

2080 3120

51.4 66.2

58.1 65.8

sl. dull

627

632

551

661

2471 3707

40.7 65.7

Considerable chalk

Inferior to Cent - 52

628

617

650

629

2524 3786

50.6 66.6

sl. dull, looks more slender
than Rex, germ tip of
some grains broken off.

653

657

643

622

2575 3863

34 Prelude, 134 7/26 8/7 8/30 54
C.I. 8311 242

36 332

440

7/26 8/30 54

35 Hyb Mix 8-47-12, 135 8/4 8/10 8/31 48
TP x R-SBR 230

55 338

431

8/4 8/31 48

B455 B2-11-2, 136 8/7 8/18 9/5 48

36

BBtx

236

275

(TP x R-SBR) 335

438

8/7

standing perfectly in all repl. 9/5 48

Century 56 137 7/28 8/4 8/25 50

37

241

46 331

429

7/28

8/25 50

C50-4054, 138 7/26 8/3 8/25 48

38

Rexoro x 239

Zenith 329

442

7/26

8/25 48

not available
9/5 9/18 9/25 9/28 9/30 9/31 9/32 9/33 9/34 9/35 9/36 9/37 9/38 9/39 9/40 9/41 9/42 9/43 9/44 9/45 9/46 9/47 9/48 9/49 9/50 9/51 9/52 9/53 9/54 9/55 9/56 9/57 9/58 9/59 9/60 9/61 9/62 9/63 9/64 9/65 9/66 9/67 9/68 9/69 9/70 9/71 9/72 9/73 9/74 9/75 9/76 9/77 9/78 9/79 9/80 9/81 9/82 9/83 9/84 9/85 9/86 9/87 9/88 9/89 9/90 9/91 9/92 9/93 9/94 9/95 9/96 9/97 9/98 9/99 9/100

ln		MS	1
sl			1
mod			2
ln			1
ln-75	-	MS	1-2
sl		MS	1
ln			1
bed			1
o			T
o-75	-	MS	T-1
o		MS	
o			T
o			
o			T
o	-	MS	T
mod		MR	1
mod			T
mod			T
ln			T
ln-15	-	MR	T-1
mod		R	T
o			1
o			1
o			1
o-15	-	R	T-1

Taller than Cent. 52, looks
heavier, stood up fairly well,
leaves & stems die back much faster
than Cent & Cent 52

Shorter than Cent 419) Erect leaf habit &
leaves more erect BPT, short very growth
this
Rather irregular. It
may have been injured from
early damping
sturdier than in group. Considerable
falling of stems.
l. good.

Tall, like 7 6/19) (R & Z) all show
l. good sterility
Cent 7/23, damping leaves
l. good, appears heavier than Cent 52
in 1st rep. more sterility than
Cent in 2nd. (dried back slower than Cent 52)

51.5 67.0

good sample for Prelude,
some chalk,

513

554

620

568

2318 3477

55.8 67.6

Sl. dull, sl. shorter grain than
Cent 52, excellent
green tips not white + fewer broken

583

544

633

517

2310 3465

49.9 66.1

Sl. dull, more slender than
BPL, no chalk, excellent
sample

362

494

506

461

1823 2435

31.1 67.1

more slender than Cent 52
some chalk

620

646

647

657

2540 3855

62.7 67.5

Excellent type,
superior to Cent

681

498

706

458

2343 3515

39 C50-4059, (Crowley) 139 7/29 8/6 8/27 52
 Rexoro x 234
 Zenith 339
 432 7/29 8/24 52

40 C50-4061, (Crowley) 140 7/28 8/5 8/26 48
 Rexoro x 238
 Zenith 341
 434 7/28 ~~X~~ 8/26 48

41 Cal 47-1470 141 7/25 8/2 8/24 46
 52 233
 337
 433 7/25 8/24 46

42 Rexark 142 8/6 8/17 9/4 47
 C.I. 8644 240
 43 340
 441 8/6 9/4 129 49

mod		MS	
shy			1
mod			T
0			
0-15	-	MS	T-1
0		MR	T
ln			T
0			T
0			T
0-ln	-	MR	T
0		R	T
0			1
0			1
0			1
0	-	R	T-1
ln		MS	T
mod			T
bad			T
bad			T
ln-75	-	MS	T

Tall like 2, $\frac{1}{19}$)

v. good

Even leaves $\frac{7}{23}$

Taller than #38, straw buds, v.
good; These have wider leaves than
Century (dies back faster than 38)
like 39 but
wider leaves $\frac{6}{19}$)

Taller than others, does not
appear to be as heavy,
dies back faster than 38

v. short $\frac{6}{19}$

Rather hard to thresh, short
straw, narrow leaves, good,

may have been injured
from early draining. 1/4 way
plot standing, O.K.
much sterility

50.6 68.6

590

longer grain than #38; not as
clear, superior to Cent 52

584

516

481

2141 3257

48.0 68.4

521

Prob. longer and sl. fuller than
Rex; Excellent quality
Superior to Century

484

485

569

2059 3089

45.3 69.1

472

More opaque in appearance
than most long sl. var.

457

439

485

opaque strip on underside of
many grains.

1853 2780

56.8 69.9

501

57.0 68.9

539

536

510

2086 3129

37

Storm of 1/2 shattered possibly as much as
150-200 pounds per acre from free threshing
Harvest

NW 9/6, except (43, 48, +49+50, NW 9/14)

Midseason maturing long and long slender

Test No. 4 (Uniform group)

43 Nira, 143 8/13 8/21 9/11 59
C.I. 2702 247

66 347

455

8/13 9/11 59

44 C48-4090, 144 8/6 8/17 9/4 51
BBt Sol. 244

Sunbonnet 73 345
453

8/6 9/4 (129) 51

45 C4-II-1-8-1, 145 8/6 8/16 9/3 56
RxBR-R 251

77

251

349

456

leaning badly on 8/22
straightened up by 9/10 and
was just leaning in lot
+ 3rd, not too bad in others

46 Bluebonnet, 146 8/7 8/16 9/5 53
C.F. 8322 255

71

348

454

8/7 9/5 (130) 53

47 Bluebonnet 50 147 8/7 8/15 9/5 47
253

70

343

449

8/7 9/5 (130) 47

down d.
1/2

green varieties:

sl		R	
mod			
sl			
sl			
T-15	-	R	0
T		S	
T			
o			
o			
o-T	-	S	0
bad		S	
v. bad			
bad			
v. bad			
75-100	-	S	0
T		S	
T			
sl			
o			
0-15	-	S	0
		MS	
o	-	MS	0

Badly shattered from
wind storm will
seriously affect yield

like B&L, 6/19)
Standing much better and
greener than B&L on 9/26

45.4 66.6

49.0 65.8

474

515

461

500

1950 2925

52.1 69.9

V. good BBT type

542

673

544

521

2280 3420

38.8 69.9

V. good; more slender than BBT,
excellent texture

511

588

510

569

2178 3267

47.7 70.4

44.2 69.2

550

622

609

660

2441 3662

40.9 68.5

33.3 65.5

576

429

498

616

2119 3179

48	Improved	148	8/11	8/19	9/10	51
	Bluebonnet	243				
		68 353				
		447	8/11		9/10 (135)	51
49	RN,	149	8/11	8/19	9/10	50
	C.I. 8975	69 246				
		356				
		451	8/11		9/10	50
50	C48-4139	150	8/13	8/21	9/11	49
	Dw. TP Natl Cr.	245				
		78 355				
		446	8/13		9/11	49
51	T. Fortuna	151	8/7	8/15	9/6	52
	C.I. 1344	252				
		80 351				
		444	8/7		9/6 (131)	52
52	C322A6-23,	152	8/13	8/19	9/6	49
	R x F	79 254				
		344				
		448	8/13		9/6	49

check with
Jordon as to
whether this land
is R to C.I.

R

0 - R 0

R

0 - R 0

MR

0 - MR 0

S

0
1
mod

T-15 - S 0

S+

0 - S+ 0

Taller than BBH 50
leaves more drooping, (4/19)
Stems v. green on 9/26

considerable sterility in a repl.
Stems v. green on 9/26

4th series shows increase
sterility, also more sterility
in other repl. than RN,

50.5 66.4

52.9 65.6

522

616

517

532

2189 3281

53.9 66.8

440

503

497

502

1942 2913

51.7 65.6

430

465

581

449

1925 2888

47.3 68.8

685

676

638

615

2614 3921

59.0 69.1

585

578

482

527

2172 3258

good but more chaff than
average, grain rather short

excellent TP type

more chaff than others

v. good, much like RN
but less chaff

53 B46-4799, 153 8/6 8/15 9/5 49
Rogue 256

72 354

450

8/6 9/5 49

54 Rexark, 154 8/6 8/15 9/4 50
C.I. 8644 250

75 350

452

8/6 9/4 50

55 Century 52 155 8/4 8/14 9/2 48
248

45B 346

443

8/4 9/2 48

56 B459A1-95-9, 156 8/8 8/16 9/4 47

Hill Sel. 74 249

x
Rexark 352

445

8/8 9/4 49

use
mountain

S

o
mod
bad
sl
sl

- S o
MS

T-75

- MS o
MR

o - MR o
MR

o - MR o

Has much better straw
than Rusak, appears heavier.

Has more sterile heads than.
Cent 52, does not appear to be
as heavy. Has very green straw
on 7/25

46.2 69.3

longer grain than RN
some chalk

673

735

710

729

2847 4291

58.7 70.2

Excellent qual. & texture

575

604

467

528

2174 3261

~~55.~~

54.3 66.6

631

560

V. good; more slender than Rexa
sl. more dull appearance than Rexa

617

624

2432 3648

47.7 68.0

Excellent long sl. grain type
longer than Rex; Excellent
qual. & texture

609

549

568

505

2231 3347

Have not Ha panicles 9/28

Midseason maturing short and medium

Test No. 5 (Uniform group)

all No 9/28 & 29, except Calrose & Calrose, No 9/28

57 Arkrose, 157 8/14 8/23 9/17 49
C.I. 8310 270

98 360

470

8/14

9/14

49

58 Acadia, 158 8/17 8/27 9/23 50
C.I. 1988 104 260

361

459

8/17

9/23

50

59 Blue Rose 159 8/20 8/29 9/26 52
C.I. 1962 261

107 369

466

8/20

9/26

52

60 B438A1-104-4, 160 8/22 8/31 9/27 48
9mBR-BR41 269
8326 106 366

463

8/22

9/27

48

61 C6-I-25-12, 161 8/22 8/31 9/26 53
BR x BR-R 264

110

364

465

8/22

9/26

53

get new
seed of Acadia
Beard type
should be used.

grain varieties:

MR 2

0 - MR 2
MS 2

0 - MS 2
MS 1

0 - MS 1
R T

0 - MS T
R T

0 - R T

fairly good plot, very green show
when cut,

often stand in A

Some late hds showing uppi
BK. v. green show when cut.

much shorter than BK, some seed
or mixture present,
Some off-types...

v. good, but taller than B438A₂.

61.2 68.2	370	
Excellent BR type,	427	53
Practically no chalk.	414	
	<u>474</u>	
	1685	2528
64.9 70.8	496	
good short-grain type, considerable	532	83
chalk.	501	
	<u>398</u>	
	1929	2891
65.5 69.4	586	
64.1 68.9	506	83
	481	
	<u>514</u>	
	2087	3131
63.7 67.8	656	
63.7 67.5	600	83
	553	
	<u>542</u>	
	2351	3527
60.9 66.7	537	
v. good BR type; practically no	545	83
chalk, larger grain than Arbus	541	
	<u>547</u>	
	2140	3255

div²
62

C3-I-9-4,
BRxBR-R

Crowley

162

8/22

9/31

9/25

55

263

Badly mixed

363

464

8/22

9/25

55

63

Blue Rose 41,

163

8/20

8/30

9/26

50

C.I. 8317

258

111

357

Considerable irregularity in ht

457

8/20

9/26

50

64

Calrose

164

8/6

8/12

9/5

43

259

103

368

458

8/6

9/5

43

65

Caloro,

165

8/8

8/14

9/6

45

C.I. 1561-1

267

102

358

461

8/8

9/6

45

66

B4559A1-102-2,

166

8/16

8/22

9/23

48

Bruin. Sel.

266

B^xR

367

467

8/16

9/23

48

R 1

0 - R 1

R 1

0 - R 1

MR 3

0 - MR 3

MR 1

0 - MR 2

R T

0 - R T

Hds are shorter than C6-I +
more sterile hds present,
Taller than C6-I

more sterility than Calao
in ad plots, much worse
in 4th + 3rd

Tall reg $\frac{1}{10}$)
Shorter straw than BP. a good
Smooth BP type, Amis.

52.6 63.4

493

Prob. a larger grain than C6-I-25.

510

good BR type, more chalk.

495

464

1962 2943

62.7 67.0

379

more chalk than C6-I-25.

522

439

452

1792 2688

61.7 68.2

470

A small seeded BR type,
v. little shed; v. good shape.

418

474

236

1598 2394

67.1 71.2

521

67.8 71.4

528

510

514

2043 3110

54.3 63.7

521

sl. more slender than BR
at least as long; very little
chalk.

503

565

568

2157 3236

67 B4325A1-77-6, 167 8/29 9/3 9/28 50
 Bruin Sel 262 Very uniform bldg
 F - Red^x 121 362
 462

68 Hyb Mix 11-47-11-1, 168 8/29 9/28 50
 8/12 8/20 9/20 47
 Early Short- 257
 Grain Bulk 123 365
 460

69 Kamrose, 169 8/12 9/20 47
 c.I. 8314 99 268 8/14 8/18 9/21 54
 370
 468

70 B4313A2-57-13, 170 8/14 9/21 54
 8/22 8/30 9/24 53
 Sm BR - BR 41^x 108 265
 F - Red 359
 469
 8/22 9/24 53

R

O
O.K. by 9/17
died after 9/2 storm

- R O

R

O

O

O

O

- R O

R 1

O - R 1

R

O - R O

Short neg 4/19)

V. green stem (free from
H.O.P.) short lvs, but
V. uniform. not as good as
#66

V. good

(v. tall neg 8/6)

Tall very green neg.
a good plot.

drooping panicle & flag leaf
green stem fairly tall
narrower leaves than Bk

59.6 66.4

a small seeded BR type
superior to others; no chalk;
Watch.

487

393

459

383

1722 2583

61.1 68.4

Smaller grain than Caloro
v. bad for shade.

592

482

580

553

2204 3311

65.1 69.1

Sl. larger than Caloro.
v. clear texture, no chalk.
good shape

616

632

507

590

2345 3518

63.5 69.5

Between BR and #67 for
grain size - also more
chalk than 67. good

506

403

464

460

1833 2750

Panicle base
~~Panicle base~~ *hatched* ~~9/28~~
Mudgeron maturing varieties:
 Test no. 6
 No 9/14+15 except 71, 72+73

	B4325A1-76-9-7,	171	8/22	8/31	9/23	54
71	Bruin Sel	280				
	x	120				
	F-Red	372				
		474				
			8/22		9/23	54
	B47-3054,	172	8/22	9/1	9/22	50
72	Rexark Rogue	274				
		114				
		376				
		479				
			8/22		9/22	50
		173				
	Hyb Mix 12-47-6-1-2,		8/10	8/17	9/17	48
73	Late Short-	277				
	Grain Bulk	2325				
		384				
		478				
			8/10		9/17	48
	B459A3-74,	174	8/6	8/15	9/5	49
74	Hill Sel	83				
	x	284				
	Rexark	378				
		472				
	B459A3-54,	175	8/7	8/15	9/5	48
75	Hill Sel,	84				
	x	273				
	Rexark	381				
		476				
			8/7		9/5	48

R. 1

o - R 1

R 1

o - R 1
mod. after
2 1/2 storm

R

o

o

o

o - R 1

o MS 1

o

o

o

o - MS 1

MR 2

o - MR 2

(v. tall neg $\frac{8}{16}$)

as tall as BK. Too tall but
clean straw

v short, wide leaves, $\frac{1}{16}$ (med. short neg $\frac{8}{16}$)
stiff peduncle type

Is very good, earlier than #68
may have a smaller grain than
sel. grown in adn and late seedling
Test. grain is of a cleaner texture

are both much later, a few
tall in both plots. #74 appears
to show less sterility than 75.
Neither would appear to be superior
to Cent 5-2

57.2 64.9

V. good but grain sl. larger
than #67. No chalk, better
than BK.

511

549

543

557

2160 3240

64.4 69.5

Sl. shorter than Calrose; similar
texture and appearance. Very little
shed or chalk.

543

584

577

655

2359 3539

61.6 68.7

Sample missing

488

578

645

547

2258 3387

51.8 64.3

No Chalk; excellent appearance;
longer than Rex; One of best
Watch

479

500

526

454

1959 2939

47.7 63.2

Like #74 for texture; sl.
curve to grain; possibly more
slender.

451

371

367

391

1580 2370

				DATE			Pl. ht (in)
				1st Hd	Full Hd	Full Ripe	
	B459A3-47-2-1,	176		8/15	8/23	9/11	49
76	Hill Sel.	272					
	x Rexark	2992	375				
		471		8/15		9/11	49
	B459A1-118-2-1,	177		8/8	8/17	9/7	50
77	Hill Sel.	3012	281				
	x Rexark		380				
		483		8/8		9/4	50
	B459A1-12-1-2,	178		8/9	8/17	9/9	49
78	Hill Sel.	3074	275				
	x Rexark		382				
		473		8/9		9/9	49
	B4513A2-28-1-1,	179		8/9	8/18	9/7	50
79	Hill Sel.		278				
	x BBt.	3387	371				
		475		8/9		9/4	50
	B4512A1-154-7-1,	180		8/7	8/16	9/6	52
80	Hill Sel		282				
	x BBt.	3483	374				
		482		8/4		9/6	52

Lodging	Diseases		
	H.O.	P.O.	Wt.TIP
		MR	T
0	-	MR	T
		MR	T
0	-	MR	T
		MS	T
0	-	MS	T
		MR	
0	-	MR	0
		S	
0	-	S	0

Taller & more vigorous
than others, vegetatively
later than BBL, at least as
late as sug, a very uniform
type, erect flag, very yielding
st. grain but longer than Rev
green straw, when ripe
many blank florets, (Hb possibly
fairly tall sug gr. 8/16)
later than others, excellent grain
a fuller grain than other full Rev
but may be sug. for this character?
sl. later than BBL, v. good pl
semi-erect flag leaf.

(Extremely tall sug gr. 8/16).
Erect flag leaves, slender
grain type but longer than
Rev or v. little later than BBL
One of best unless later strain
(76) might be desired
an excellent grain type. Watch
short sug, 6/19 Some sterility
Semi erect leaves 8/17, leaves more
drooping than BBL.
appears to have more sterility than
8/17, more of a Mira appearance to
panicle, drooping flag leaf.
straw hulls, slender grain is long as BBL

short sug, 6/19

(erect leaves like BBL, 8/17, looks
like BBL.)
Is taller than other strains, more
straight leaf, has excellent grain

	cm ³ -Per Plot	Acre yield (lbs.)
50.7 63.0	481	
One of best, more slender than	484	
#74, excellent texture.	494	
all these are better than Cent-52	539	
	1998	2997
53.9 65.3	531	
Fuller grain than other 459A	600	
lines; not as long; as long	581	
as Rex, but fuller; Fuller than	620	
#174	2332	3498
52.1 62.3	536	
as full as #77 but sl. longer.	630	
would be a slender BBT for	561	
grain type; v. good. Fuller	557	
than #174.	2284	3426
41.2 62.4	521	
much like #78 for grain	577	
size and shape. Not as clear	500	
texture as 459A lines. A slender	491	
BBT	2089	3134
48.8 65.9	504	
more chalk than #79; grain	596	
not as long.	469	
	450	
	2019	3029

B455A1-27-3-1, 181 $\frac{8}{6}$ $\frac{8}{17}$ $\frac{9}{6}$ 48

81 BBT x 271

(TPxR-SBR) 373

5255 480

$\frac{8}{6}$ $\frac{9}{6}$ 48

B322B47-12-2-4, 182 $\frac{8}{10}$ $\frac{8}{18}$ $\frac{9}{12}$ 52

82 R x F 279

5095 377

484

$\frac{8}{10}$ $\frac{9}{12}$ 52

B47-374-15-5, 183 $\frac{8}{8}$ $\frac{8}{16}$ $\frac{9}{9}$ 50

83 BBT. Sel. 276

89 379

481

$\frac{8}{8}$ $\frac{9}{9}$ 50

B46-4248-1-12-3, 184 $\frac{8}{7}$ $\frac{8}{17}$ $\frac{8}{6}$ 49

84 BBT. Sel. 283

93 383

477

$\frac{8}{7}$ $\frac{8}{6}$ 49

S

0 - S 0

R

0 - R 0

MR

0 - MR 0

R

0 - R 0

Very short neg. 4/19
Shorter straw than 80, looks
more like 80 than others (vegetatively)
(shorter grain than others) Watch
compare grain with #36
most uniform in ht, and shortest
straw

Tall neg. 6/19, (extremely vigorous neg. growth
long leaves, semi-drooping) 8/6
Later than R.V. 255, but a very
heavy plot, good straw, not too
tall, V. good grain,

Short neg. 6/19
Considerable sterility,

Tall neg. 6/19 (Extremely tall neg. 8/6)
V. good plot, wide leaves, good,
rather tall, V. long grain, full
Prob to have a grain

42.4 67.0	716	
about Rex. length and diameter	461	
some shod; rather poor shape	527	
	<u>574</u>	
	2278	3417
52.7 66.6	663	
sl. dull appearance of iris;	595	
more slender than BRT;	534	
prob. about as long as BBT	<u>655</u>	
Excellent qual. <u>Watch</u>	2447	3671
54.4 66.4	616	
Very good texture	671	
as full as BRT; v. good.	544	
	<u>590</u>	
	2421	3632
56.8 68.6	600	
a slender BRT; longer	655	
& sl. more slender than #83	506	
v. good texture.	<u>415</u>	
	2176	3264

73

Late maturing varieties

93, 94, 96 cut 10/25 ^{Sept 7 uniform group} 95 + 97 cut

91 + 92 cut 10/19, a

(cut: 85, 86, 87, 88, 89, 90 and 98 on 10/13)

B32/B40-3,

185 8/27 9/6 9/30 55

85

RxD

290

C.I. 8343

137 392

494

8/27

9/30 (155)

55

B403/A1-1-13-11,

186 9/2 9/12 10/10 53

86

TPxR-SBR

135 287

391

495

9/2

10/10

53

C3-72-3,

187 9/2 9/10 10/10 53

87

Rx P.h.f.

286

136 398

488

9/2

10/10 (165)

53

B43-280-1-4,

188 9/1 9/12 10/8 54

88

T. Patna Sel.

297

141

386

487

9/1

10/8

54

B43-280-1-3,

189 9/3 9/17 10/11 56

89

T. Patna Sel.

285

143

389

491

9/3

10/11

56

0			5	0
---	--	--	---	---

0 1 5 0

0				R	0
---	--	--	--	---	---

0 - R 0

0 S 0

0	-	5	0
---	---	---	---

0			R	0
---	--	--	---	---

$$\textcircled{1} \quad - \quad \mathcal{R} \quad \textcircled{0}$$

Ln MR 0

Ln - MR 0

much irregularity in let
prob use new seed.

sturdy straw, green straw,
v. uniform, short hds.
Have milling determinations and
opinions from trade as to pld for
this type green, erect flag, green
(as tall as TP on 8/6)

erect flag. body discolored
when str. on 10/13
stand ok

valley (1/9)

v. clean straw, sturdy semi
drooping flag, straw colored hulls
v. hard to thresh

midht, 1/9,

v. narrow leaves
excellent tillering
like better

grows too tall, but
not taller than
TP straw.
A very long green strawed rice,
no taller than TP, appears
heavier, leaning sl. on 10/13

46.3 68.7	530	
Very little chalk; appearance	572	88
is better than average, much	508	
fuller than Rex.	<u>504</u>	
	2114	3171
52.5 67.7	540	
Excellent appearance and	484	12
finely, as slender as Rex,	492	
much shorter	<u>495</u>	
	2011	3017
54.1 68.4	343	
v. clear grain; Fuller than	260	58
Rex, and sb. shorter.	283	
	<u>271</u>	
	1157	1736
50.1 69.2	449	
Is a good T.P. type;	380	68
no longer than Rex if as long.	443	
	<u>434</u>	
	1706	2559
58.3 70.1	526	
Longer than #88 + longer than	347	48
Rex; no chalk; any of best	476	
looking samples. Almost as	<u>431</u>	
slender as Rex.	1780	2670

90 T. Patna Sel. A 190 9/1 9/15 10/9 (164) 57
C.I. 8321-1 292

142 396

492

9/1

10/9 (164) 54

91 B4524A1-4, 191 9/6 9/20 10/19 53
T. Patna 49 144 289
(TP^xR-SBR) 397

496

9/6

10/19 53

92 T. Patna 49 192 9/3 9/16 10/17 55

291

140

385

498

9/3

10/19 (172) 55

93 Rexoro 193 9/11 9/25 10/24 57
C.I. 1779 295

131 387

493

9/11

10/24 54

94 C3-12, 194 9/10 9/26 10/24 54
7/8 Rexoro 288

129 388

486

9/10

10/24 54

ln			S	0
----	--	--	---	---

ln		-	S	0
0			MR	0

0		-	MR	0
0			MS	0

0		-	MS	0
0			S	0

0		-	S	0
0			R	1-2

0		-	R	1-2
---	--	---	---	-----

Excellent neg. neg. 8/6 and taller than most
leaves sl. on 10/13
vegetation very brown
and leaning when over-
ripe

short, neg. 6/19)
Had very sturdy
straw, neg. remained
green long after 10/13

v. good
green neg., shorter than
Rexon

d. shorter than 94, 6/19)
v. brown when overripe
beginning to lodge. 10/26

Tall neg. 6/19)
v. green neg.

54.1 69.3

46.8 69.2

471

511

432

524

1938 2907

43.4 68.2

good Rex length + shape;
some chalk.

490

509

460

527

1986 2979

40.5 69.1

38.2 70.0

427

399

418

399

1641 2462

58.2 71.8

58.2 71.2

429

430

412

434

1705 2558

53.3 71.9

54.2 72.4

478

432

467

416

1793 2690

95 C3-22, (Crowley 50-94) 195 9/11 9/28 9/29 55
 15/16 Rexoro 298

390

490

9/11

9/29

55

96 C3-22, (Crowley 50-4225) 196 9/11 9/23 10/25 54
 15/16 Rexoro 296

395

485

9/11

10/25

54

97 ~~DATA 398~~ 197 9/16 9/27 10/29 56
 293

393

497

9/16

10/29

56

98 C3-29, (Crowley 50-96) 198 8/26 9/7 10/8 51
 7/8 Rexoro 294

394

489

8/26

10/8

51

0			R	T
---	--	--	---	---

0	V			
---	---	--	--	--

0				
---	--	--	--	--

0				
---	--	--	--	--

0		-	R	T
---	--	---	---	---

0			MR	T
---	--	--	----	---

0		-	MR	T
---	--	---	----	---

0			MR	T
---	--	--	----	---

0		-	MR	T
---	--	---	----	---

0			R	I
---	--	--	---	---

0		-	R	I
---	--	---	---	---

like 94, 6/9)

later than Rexoro,
green vegetation

about like 94 but sl
taller

later than Rexoro, no
C.O. Is this one of Jordan's
 $\frac{7}{8}$ Rexoro's
Is rather hard to thresh

Semi rolled leaf and apparently
some reduction in leaf area, fairly
short straw, poor grain yield,
mrg. heading & lit. too
much sterility

63.0 73.0

v. good Rex type; some
chalk.

547

530

485

530

2092 3138

59.1 72.2

An excellent Rex type;
Practically no chalk.

410

491

413

511

1825 2738

63.0 73.6

v. good Rex. type, some
chalk

421

448

384

386

1642 2463

48.4 67.6

v. slender grain, no chalk
no longer than Rex, possibly
more slender.

317

333

346

328

1324 1986

85

cut 102, 103, 105 & 110 on 10/25
 submitted var also 104, 106, + 109 on 10/25
 Test 8 cut 111 & 112 after 10/25

16 bundles

(Cut: 99, 100, 101, and 107 on 10/13)

B46-2069-5-3, 501 9/1 9/13 10/6 45

99 T. Patna Sel. 607

Dwarf Type 6610 709

810

9/1 10/6 45

B4030A3-13, 502 8/25 9/5 10/4 48

100 R-7689xR 603

145 703

811

8/25 10/4 48

B4044A3-1-1-1, 503 8/23 8/31 10/3 51

101 R-SBRxBR 601

159 707

807

8/23 10/3 51

B3313A1-16, 504 9/2 9/16 10/19 51

102 R x 7689 610

153 704

802

9/2 10/19 51

Texas Patna 505 9/3 9/14 10/14 60

103 C.I. 8321 611

160 713

801

9/3 10/14 60

grain shape
is excellent

check working
quality

S

0 - S 0

MS

0 - MS 0

MR

0 - MR 0

R

0 - R 0

ln S

ln

ln

ln

ln - S 0

(erect leaf habit, very short gr. habit $\frac{8}{16}$)

(erect leaf habit, short veg. gr. on $\frac{2}{16}$)
Has very green stems when
ripe, grain shape is one of
best in nursery, should be an
excellent milling variety, short
sturdy stems.

(erect leaf habit). Looks heavy
this year. Has green stems,
BK, appearance to stems, more
erect flag than BK good.
Has very short stems put in. Plots if
you like O.K.
(erect leaf habit $\frac{8}{16}$)

(excellent vigor $\frac{8}{16}$, taller than Tex.)
v. tall, very good plot, bad for GO,

38.9 65.3

434

Fuller than Rex + T.P., only
fair appearance. Some chalk.

543

556

516

2049 3074

22.7 71.5

584

about a Rex for diameter; possibly
a little shorter; Some chalk;
Excellent appearance.

642

622

576

2424 3636

29.2 68.0

483

Excellent Rex grain type, very
little chalk. Clear texture

479

384

432

1778 2667

54.4 70.6

454

Fuller than Rex but not as
full as BBT; no longer than
Rex.

410

431

491

1786 2679

48.2 70.5

402

Excellent qual. texture

362

410

454

1628 2442

84552A1-12-1-1, 506 9/3 9/15 10/21 55
 104 TPxR-7689 612

6789 708

803

9/3

10/21 55

B4033A4-38-1-7, 507 9/3 9/15 10/19 55
 105 TPxR-7689 613

158 710

814

9/3

10/19 55

B4530A1-64-2, 508 9/10 9/20 10/24 53
 106 TP49xHill Med 608

156 711

805

9/10

10/24 53

B4524A1-41-1-1, 509 9/2 9/14 9/12 53
 107 T. Patna 49 605

(TPxR-SBR) 714

4730

804

9/2

10/12 53

B4531A2-20-5-4, 510 8/8 8/18 9/7 51
 108 TP49x8975 606

5992 701

812

8/8

9/7 51

W-9/12

MR-S
Seg?

ln

ln

o-ln

-

Seg

o

MS

o

-

MS

o

S

T

o

-

S

T

MR

o

-

MR

T

R

o

-

R

o

(erect leaf habit)
looks much like TP 4 & 9 when
ripe but prob. more sq. grain,
appears to be green
straw, but mostly S to C.O.
Some appear resistant much
shorter straw than T. Patina
V. sturdy straw, looks & good

(erect leaf habit of Ricca)

Short stem, longer erect flag, sturdy
straw type,

(erect leaf habit of Ricca)

resembles TP 4 & 9 when ripe but
shorter straw, V. uniform type,
excellent straw type, appears to
have good grain yield, short erect
flag leaves.

(TP 4 & 9 leaf + very gr. habit. 7/26)
Puchta

A very big plot, much vigor, V. uniform
along grain RN types, prob. more
neg. vigor than RN, gold balls
Watch RN maturity hit,

45.4 67.9

T.P. grain size, shape
and texture; v. good.

540

560

577

573

2280 3420

41.1 68.2

v. little faster than T.P.,
is very good. would pass for
T.P.

496

384

505

433

1818 2727

51.0 68.5

An excellent T.P. type
same shape, & texture.

477

451

420

452

1800 2700

43.2 68.2

Excellent texture; no chalk;
sl longer than T.P.; as slender.
v. good

509

495

383

524

1911 2867

30.9 67.0

almost a BBl for length
and diameter. would be a
slender BBl. Some chalk.

716

696

763

685

2860 4290

109 B4531A2-92-6-5, 511 9/17^x 9/28 10/25 59
 TP49X 8975 604

5964 705

813

9/14

10/25 59

110 B4544A1-27-1-3, 512 9/12 9/22 10/19 50
 R-7689 614
^x
 8975 5884 712

806

9/12

10/19 50

111 B4527A1-48-7-1, 513 9/10 9/23 10/28 51
 TP49X Rexoro 602

6350 703

809

9/10

10/28 54

112 B49-5834, 514 9/18^x 9/28 10/29 59
 Rexoro Sel. 609 700

6510 706

808

9/18

10/29 59

*W. H. for
 outstanding from
 7/28
 Rexoro Sel. 7/28
 7/28*

Done

ln		R	T
----	--	---	---

o-ln	-	R	T
o		R	

o	-	R	T
ln		MS	

o-ln	-	MS	o
o		R	T

o	-	R	T
---	---	---	---

TP49 leaf + reg growth habit 7/26)
exceptionally long erect florets
some reach a bit of 76 inches and
standing erect.

erect leaf habit, excellent tillering.
florets perfectly erect on 9/28 +
much above panicle, excellent
tillering + short, sturdy, straw,
v. green straw, a promising
type, unnamed (not taller than
Rex border row)
Tall, spreading (Has the leaf of
very leafy, 6/14) (reg growth habit of TP49)
appears to be an excellent grain
type, v green straw, sturdy,
at maturity appears intermediate
between Rex + TP49.

much like 111 6/14)
TP49 growth habit
fuller gr. than Rex or
as tall as Rex border
row but no taller,
yield looks poorer, shorter.
So still sl. green on 9/29
Too tall + too late.

539

554

384

584

2067 3101

60.3 68.4

525

Rather opaque grain texture;

554

grains not as long as Test.

573

Is as slender as Test.

444

2099 3149

61.6 70.9

479

461

474

421

1835 2753

275

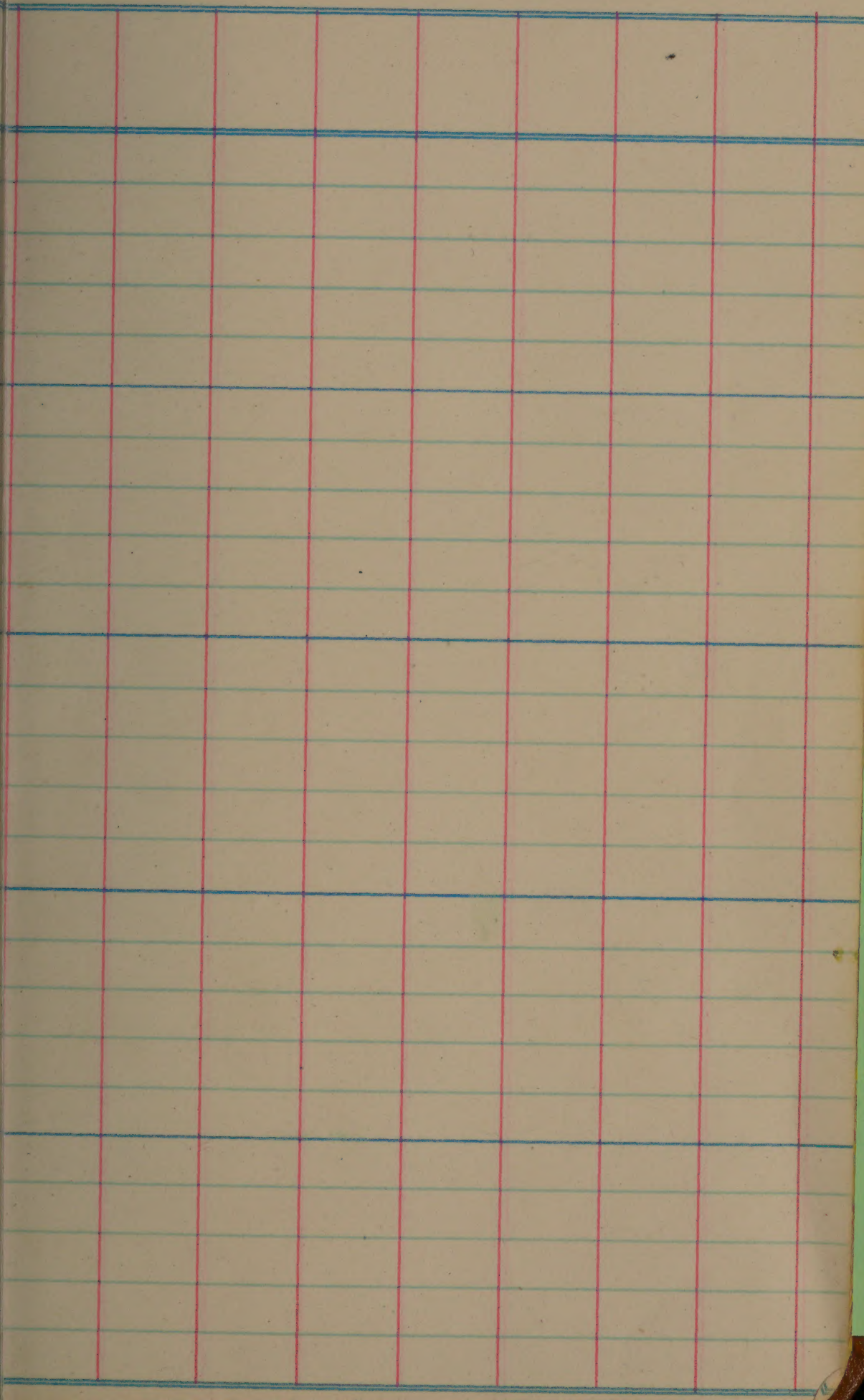
414

370

450

1509 2264

This image shows a full page of blank graph paper. The paper has a light cream or off-white color. It features a grid pattern consisting of vertical red lines and horizontal blue lines. There are 10 vertical red lines spaced evenly across the page, creating 9 columns. There are approximately 24 horizontal blue lines, creating rows. The grid covers most of the page, leaving small margins at the top and bottom. The paper appears slightly aged or off-white.



If this notebook is lost will finder please use the attached frank and mail to: The Division of Cotton and Other Fiber Crops and Diseases. No postage stamps are required.

U. S. DEPARTMENT OF AGRICULTURE
Official Business

Penalty for private use to avoid pay-
ment of postage, \$300

**U. S. DEPARTMENT OF AGRICULTURE,
WASHINGTON, D. C.**

**BUREAU OF PLANT INDUSTRY
Division of Cotton and Other
Fiber Crops and Diseases**

not cut
8/31

32 ✓ ✓ ✓
33 ✓ ✓ ✓
35 ✓ ✓ ✓
36 ✓ ✓ ✓
42 ✓ ✓ ✓

31. = A 654
B 672
C 593
D 728
2647
115

10 = 671
696
592
563
2527

9 496
504
410
412
1822

13235
2647

162) 3970.5 24.5
324
730

Crosses to try: Cent x #86. for better
qual + shorter straw

Cent x (Heel x Rexark) for
better qual.

438A x 67; for easy
threshing, small grain;
disease resistance.

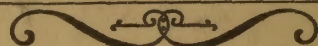
438A x Early Med-gr.

1951

Henry M. Beachell

COMPLIMENTS OF
I. D. ROBERTSON & COMPANY
INSURANCE
700 American National Bank Building
TELEPHONE 4-3305

1951 — Calendar — 1951



JANUARY

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

JULY

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

FEBRUARY

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

AUGUST

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

MARCH

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

SEPTEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

APRIL

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

OCTOBER

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

MAY

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

NOVEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

JUNE

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

DECEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

A seeding rate of 75th per
 Acre requires 12.5 gms per
 16 foot row or 15.6 gms per
 20 foot row.

James Alton Eulise
 Box 5097
 College Station

Heading dates	Sown	Boat	Ripe
1st date seeding	march 22	June 28	July 31
2nd	april 14	July 14	aug. 17
3rd	may 14	aug 6	sept 11
4th	June 11	aug 30	oct 4
5th			
yield mns.	april 28	see next page	
Field plots	april 11	see next page	
Breeding mns.	april 22	July 5	aug 15
Head Rows	Sown	Boat	Rape
Century	april 12	July 13	aug 16
TP 49	april 13	aug 13	sept 23
Rex	april 8	aug 20	sept 30
BBT 50	april 13	July 21	aug 31
BBT	may 17	aug 15	sept 25
2nd BBT	may 17	aug 23	oct 2
T. Patna	april 14	aug 8	sept 18
Over			

Yield more ^{early}	Boat	Ripe
(Sown April 28)	July 10	Aug 20
mid long	Aug 1	Sept 10
mid med	Aug 1 ²	Sept 10 ₁₅
late	Aug 12	Sept 22

Field Plots
(Sown April 11th)

Early groups

July 4 Aug 14

mid long groups

July 22 Sept 2

Late groups

Aug 5 Sept 15

Monday, JANUARY 1

1st Day—364 days to come

Tuesday, JANUARY 2

2nd Day—363 days to come

1950 Foundation Seed		Average
Century Patra - 231		7
"		9
"		8
Bl. Mammot		7
+ K W		6
Rexro		15
+ 7/8 Rexro		4
Texas Patra 49		5
BBH 50		
"		
BBH		
"		
Century 231 or S3		
Century 56 or F-12		
Century 114 - F1		

Wednesday, JANUARY 3

3rd Day—362 days to come

production	Seed purchased #	Prod	cleaned Seed total
Dickman Bros.	450	174.604	149.098
E. L. Hille	374	125.617	104.234
M. W. Maunty	328		84.000
M. W. Maunty	299	last stand	
Albert Jay	250	43.666	20.876
Arthur J. J. J.	753		36.506
E. W. K. K. K.	179		37.173
Geo. M. M. M.	282	96.330	75.518
Station P 2			67.969
P 4			100.191
P 6			59.772
P 7			32.296
			16.
			11.957
			143.346

Thursday, JANUARY 4

4th Day—361 days to come

Parents sent to J. W.
for HO inoculations

TP 1 to 7 winterman pencils

Bkt 1 to 7 mlt (A/A) pencils

TP 49 1 to 7 Herd row pencils

Friday, JANUARY 5

5th Day—360 days to come

50, material sent to
J.W. from 4779 to 4802

4779-1
2

4781-1 zap smooth

2 zap "

3 long rough

4 long "

} are labeled 1 & 2
on pockets change
labeled count with entry

4784-1
-2

4789-1
-2

4790-1
2
3

4797-1
2

4798-1
2

4801-1
2

4802-1

Saturday, JANUARY 6

6th Day—359 days to come

2702th on 16.679 Wls Century

Sunday, JANUARY 7

7th Day—358 days to come

1951 Foundation seed requests

		Red		Bbs
Winterman	✓	0	Century P.	508 ✓
Jay	3 ✓	?	Century P.	
Melte	2 ✓	0	Century P.	511 ✓
meek	✓	0	T. P 49	462 ✓
meek	✓		BBT 50	371 ✓
Pat Boyt		?	Century P.	405 ✓
T. P. Roberts	✓	0	Imp BPT.	490
M. W. Maundy	✓	?	BBT 5.0	455 ✓
"	✓		Bent 231	479 ✓
Allen and Gann		0	Rexro	613
discard		0	RN	500
Broussard	✓	0	B 438 A1-10 (367)	✓
		0	7/8 Rexro	463
		0	Rexro	475
W. A. Gless		?	BBT	585

Other names suggested were
Gless, Stachelsch, McMillan

Monday, JANUARY 8

8th Day—357 days to come

Tuesday, JANUARY 9

9th Day—356 days to come

Adair used:

125 gms rough rice

$8\frac{1}{2}$ pounds, mill $2\frac{1}{2}$ mm.

Our best results ^{last summer} 5 pounds 2.0 mm;
and 150 gms rough rice.

Humidity should prob.
be about 70 %

This winter have had best results
using 125 grams rough rice, hulled
in sheller and run for 20-30
seconds with from 15-22 lbs.

Wednesday, JANUARY 10

10th Day—355 days to come

Thursday, JANUARY 11

11th Day—354 days to come

Friday, JANUARY 12

12th Day—353 days to come

Saturday, JANUARY 13

13th Day—352 days to come

Sunday, JANUARY 14

14th Day—351 days to come

Monday, JANUARY 15

15th Day—350 days to come

Tuesday, JANUARY 16

16th Day—349 days to come

Wednesday, JANUARY 17

17th Day—348 days to come

Thursday, JANUARY 18

18th Day—347 days to come

Friday, JANUARY 192

19th Day—346 days to come

Saturday, JANUARY 20

20th Day—345 days to come

Sunday, JANUARY 21

21st Day—344 days to come

Monday, JANUARY 22

22nd Day—343 days to come

Tuesday, JANUARY 23

23rd Day—342 days to come

Wednesday, JANUARY 24

24th Day—341 days to come

Thursday, JANUARY 25

25th Day—340 days to come

Friday, JANUARY 26

26th Day—339 days to come

Saturday, JANUARY 27

27th Day—338 days to come

Sunday, JANUARY 28

28th Day—337 days to come

Monday, JANUARY 29

29th Day—336 days to come

Tuesday, JANUARY 30

30th Day—335 days to come

Wednesday, JANUARY 31

31st Day—334 days to come

Thursday, FEBRUARY 1

32nd Day—333 days to come

Friday, FEBRUARY 22

• 33rd Day—332 days to come

Saturday, FEBRUARY 3

34th Day—331 days to come

Sunday, FEBRUARY 4

35th Day—330 days to come

Monday, FEBRUARY 5

36th Day—329 days to come

Tuesday, FEBRUARY 6

37th Day—328 days to come

Wednesday, FEBRUARY 7

38th Day—327 days to come

Thursday, FEBRUARY 8

39th Day—326 days to come

Friday, FEBRUARY 9

40th Day—325 days to come

Saturday, FEBRUARY 10

41st Day—324 days to come

Sunday, FEBRUARY 11

42nd Day—323 days to come

Monday, FEBRUARY 12

43rd Day—322 days to come

Tuesday, FEBRUARY 13

44th Day—321 days to come

Wednesday, FEBRUARY 14

45th Day—320 days to come

Thursday, FEBRUARY 15

46th Day—319 days to come

Friday, FEBRUARY 16

47th Day—318 days to come

Saturday, FEBRUARY 17

48th Day—317 days to come

Sunday, FEBRUARY 18

49th Day—316 days to come

Monday, FEBRUARY 19

50th Day—315 days to come

Tuesday, FEBRUARY 20

51st Day—314 days to come

Wednesday, FEBRUARY 21

52nd Day—313 days to come

Thursday, FEBRUARY 22

53rd Day—312 days to come

Friday, FEBRUARY 23

54th Day—311 days to come

Saturday, FEBRUARY 24

55th Day—310 days to come

Sunday, FEBRUARY 25

56th Day—309 days to come

Monday, FEBRUARY 26

57th Day—308 days to come

Tuesday, FEBRUARY 27

58th Day—307 days to come

Wednesday, FEBRUARY 28

59th Day—306 days to come

82 Thursday, MARCH 1 1874

60th Day—305 days to come

Friday, MARCH 2

61st Day—304 days to come

Saturday, MARCH 3

62nd Day—303 days to come

Sunday, MARCH 4

63rd Day—302 days to come

Monday, MARCH 5

64th Day—301 days to come

Tuesday, MARCH 6

65th Day—300 days to come

Wednesday, MARCH 7

66th Day—299 days to come

Thursday, MARCH 8

67th Day--298 days to come

Friday, MARCH 9

68th Day—297 days to come

Saturday, MARCH 10

69th Day—296 days to come

Sunday, MARCH 11

70th Day—295 days to come

Monday, MARCH 12

71st Day—294 days to come

Tuesday, MARCH 13

72nd Day—293 days to come

Wednesday, MARCH 14

73rd Day—292 days to come

Thursday, MARCH 15

74th Day—291 days to come

Friday, MARCH 16

75th Day—290 days to come

Saturday, MARCH 17

76th Day—289 days to come

Sunday, MARCH 18

77th Day—288 days to come

Monday, MARCH 19 1930

78th Day—287 days to come

Lead
Row Lead

Century 231	winterman	507 ✓
"	noble	507 ✓
"	Maurity	411 ✓
"	Jay	411
"	Pat Boy, Limer	411
Bluebonnet	W.A. glass	401
Imp. BBT	P. Roberts	447 ✓
Bluebonnet 50	muck	483
"	Maurity	385
"	For Station	857
Rexoro	allen and Gann	551 ✓
T. Patna 49	muck	467 ✓
7/8 Rexoro	?	
B438A1-104	J.E. Brunsard	374
B46-4799	?	374

Total

Winterman = 124 dry BBl
al. Tray. $\sim (236.518)$

1 1 8.259

Boyt
notte

6

~~524~~
 $\sqrt{100}$
50

~~132~~

~~132~~

42

~~149~~

~~104~~

*Boyt (8A)
Wint (10A)

63.4 bbls. O.K.

132 bbls
260

62 Cent O.K.

26

Tray (10A) 1 1 8.259 Cent O.K.

15

130

notte (12A) 60 Cent

26

390

glass (4A) 100 Bkt

1200 bbls.

TP49 80
BBT50 (1A)

60 bbls

[120 O.K. (bbls.?)]
Total

Maint 175 BBT50 (15A)
Cent (15A)

Rebuts 200 2BB (20A)

855 bbls.

1951

Pexoro
allenigan (8A)

*Benoit (12624) (63445TRIA)

MARCH 1900

1899-1900

812 1/2

875.2

Gravel

54

281

Moisture

4.102

281

Gravel

at bottom

15 feet below

Gravel

(182)

(182)

(182)

Gravel

Gravel

(182)

Gravel

(182)

(182)

Blue 49

(182)

6021

Gravel

Gravel

Gravel

(182)

(182)

(182)

2 1/2

Gravel

Tuesday, MARCH 20

#2 seed

79th Day—286 days to come

124,382

approached
8 62.191

508

511 ✓

132.346

12 66.173

473 (479) ✓

16 6.666

15 83.333

405

18 0.986

9.62 90.493

405
2302

126.8

8 63.4

X

128.000

4 64.000

X

340.894

20 170.447

363 (371) ✓

11 7.390

7 58.645

455 X ✓

226

18 0.986

15 40.493

X ✓

150.12

8 75.12

X 462 ✓

100.494

6 (50.247)

367 ✓

XP-1

145 = 1

122 = 2

100

367

75

90.

7 45.12

120.62

Estimated wet & cleaned weight

Wednesday, MARCH 21

80th Day—285 days to come

Thursday, MARCH 22

81st Day—284 days to come

seeded 1st date seedling
block. This rice was
up to a good stand on
April 10.

seedlings from 1st date seeding had not
emerged but had good sprouts on 4/3

1st emerged	4/5
Truly	" 4/12

Friday, MARCH 23

82nd Day—283 days to come

Saturday, MARCH 24

83rd Day—282 days to come

Sunday, MARCH 25

84th Day—281 days to come

Monday, MARCH 26

85th Day—280 days to come

Tuesday, MARCH 27

86th Day—279 days to come

Wednesday, MARCH 28

87th Day—278 days to come

Thursday, MARCH 29

88th Day—277 days to come

Friday, MARCH 30

89th Day—276 days to come

Saturday, MARCH 31

90th Day—275 days to come

Sunday, APRIL 11

91st Day—274 days to come

Trip to College Station to
return. Voyage the ship
returned to port on April 4

Monday, APRIL 2

92nd Day—273 days to come

Tuesday, APRIL 3

93rd Day—272 days to come

Trip to College Station to
return Vogel thresher
returned to Bmt on April 4

Wednesday, APRIL 4

94th Day—271 days to come

*Trip to College Station
returning to Fort Worth
on April 4*

Thursday, APRIL 5

95th Day—270 days to come

March 22nd 1882
22

Friday, APRIL 6

96th Day—269 days to come

Marked lenses with line
pusher on S5 + S4,

Saturday, APRIL 7

97th Day—268 days to come

(Faint, illegible handwriting, likely bleed-through from the reverse side of the page)

Sunday, APRIL 8

98th Day—267 days to come

Rexoro Head row block (3 plots)
just south of 1st date of seeding plot.
Seed row of Rexoro on south of 3rd
plot sown with seed from field plots
(run out of panicle seed)
Seeded this plot: on 4/9—

Monday, APRIL 9

99th Day—266 days to come

Tuesday, APRIL 10

100th Day—265 days to come

seeded 1st repl. of field plots
set drill with last mark to
left of calibrating rod just
showing.

seed heads in excellent
condition.

This repl. on west side
plots 1 to 35 south to north

Wednesday, APRIL 11

101st Day—264 days to come

cold norther blew in
which prevented further seeding
light shower,

Thursday, APRIL 12

102nd Day—263 days to come

seeded 2, 3 & 4th upl. of
field plots. These upls. on
east side of S 5 are 36 to 140
South to North

Friday, APRIL 13

103rd Day—262 days to come

seeded Century 231 Head Row
plots (6 plots, 3 from south 1950
231 plot and 3 from north ¹⁹⁵⁰ plot of
231 (from 1950 crop panicles).
(north plot on north as in 1950)

These H.R. plots are just north of
4th repl. of field plots. (H.R. plot ^{from 1950})

Texas Patna 49 N.R. plots
just north of Century plots (2 in
number).

Bluebonnet 50 ^{Head from 1950 BB 50 field} H.R. plots just
south of Texas N.R. plots.

Made speech at
Laurier College for Senior
Clinic! Ha!

Saturday, APRIL 14

104th Day—261 days to come

Seeded 3 T. Patna plots - just
south of BB 50 H.R. plots, Heads
from D. Winterman
about 100 heads of T.P. from
Dayton seeded at south end of
3rd T.P. block. a single row skipped.

Seeded 2nd date seedling today or
April 16, (check on planting plan).

Field Plot samples

Sunday, APRIL 15

105th Day—260 days to come

Head
Row
seed

	not turning	turning
Century 52	79	82
BBt 50	86	82
BBt	85	58
7/8 Row	74	—
		90
Century 231 (Maunz)	91	
T. Palma 49	86	92
B 438 H	82	79
Calif High - 52	—	76
R N	60	—
Imp BBt	89	72
Rogue	74	70
222	52	—
Century 231 (HR)	77	—
Rex	87	70

low temperatures prob. caused
low germination check again

Monday, APRIL 16

106th Day—259 days to come

8 Tuesday, APRIL 17 W

107th Day—258 days to come

flushed all rice sown prior
to this date and dah sudra
Head room
Field plots.
1st date seeding kept
covered with very light flood.

Wednesday, APRIL 18

108th Day—257 days to come

seeded Nitte Cent 231 Head Row
set drill on 24
row wheel drill 1006

Thursday, APRIL 19

109th Day—256 days to come

Sowed Hay Century Head Row
Set drill on 22
row wheel drill Van B

Friday, APRIL 20

110th Day—255 days to come

Seded Bramsard 438A

Head Row every drill, set

drill on 12

High wheel drill Van B

Saturday, APRIL 21

111th Day—254 days to come

Field plate, 1st date seedling
also 2nd date seedling
(2nd date seedling, 1st date seedling, 1st date seedling)

1st date seedling, 1st date seedling
held, had been kept in 1st date seedling
1st date seedling on 4/17.

Field plate, 1st date seedling
+ head rows fully emerged
April 23th.

Sunday, APRIL 22

112th Day—253 days to come

[Faint, illegible handwriting]

Monday, APRIL 23

113th Day—252 days to come

Field plots, etc. 1st emerged today
also 2nd date seedling.

(2nd date seedling flushed + water held
24 hrs.)

1st date seedling flooded + flood water
held. Had been kept moist since 1st
flooding or flushing on 4/17.

Field plots, 1st date seedling
+ head rows fully emerged
April 28th.

Tuesday, APRIL 24

114th Day—251 days to come

Trip to Angerton to see & aretytist

316		416	
1	3	4	7
10	2	7	216
101	201		

gate

see by some yellow over head &
to 86 large

Wednesday, APRIL 25

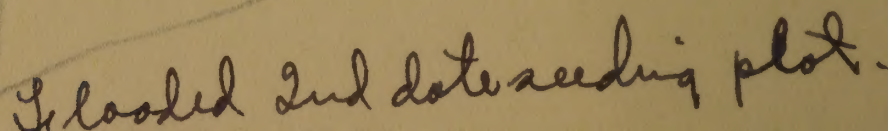
115th Day—250 days to come

Worked on breeding nursery

Very interested in the results of the experiment

Thur
1168

249 days to come
Seeding on yield nurse



Friday, APRIL 27

117th Day—248 days to come

seeded yield nursery

Saturday, APRIL 28

118th Day—247 days to come

5

Seeded yield nursery
On west side just north of
Crane material

501	
185	
171	
151	
140	
129	
115	
7	
101	

Seeded yield nursery plot

Sunday, APRIL 29

119th Day—246 days to come

Started looking for plants
at 2 P.M. from the study near
the bridge. Found a few
plants in the garden.
The plants were
very small. One was
about 100 feet high. It
was a pine tree.
The other was a
small tree. It was
about 20 feet high.
(The other was a
small tree. It was
about 20 feet high.)
The other was a
small tree. It was
about 20 feet high.

been found but the
plants were very small.
The plants were very
small. The plants were
very small. The plants
were very small. The
plants were very small.
The plants were very
small. The plants were
very small. The plants
were very small. The
plants were very small.

Monday, APRIL 30

120th Day—245 days to come

started flooding field plots and
bed row plots at north of S 5.

Sprayed guards of all field plot
blocks with using about
 $\frac{1}{2}$ gallon per 100 foot row of
solution using a sprinkling
can.

(25 C.C. stock solution per
2 gallons water)

stock solution = 100 C.C.
500 C.C. acetone

seeded Ted Brook seed
treatment material just south
of 1st plot of field plot test on
west side. plot no. 1 of seed treatment
in N.E. corner of block, following
3 rows of guard.

Tuesday, MAY 1

121st Day—244 days to come

Wednesday, MAY 2

122nd Day—243 days to come

sowed 1-69 on

6-Row plots of single varieties

black root using about
1/2 gallon per 100 foot row of
solution using a sprinkling
can.

(25 c.c. stock solution per
2 gallons water)

stock solution = 100 c.c.
500 c.c. water

sowed Ted Brook and
restored material just south
of 1st plot of field plot test on
west side. plot 1st of south
on N.E. corner of black fallow
3 rows of grain

Thursday, MAY 3

123rd Day—242 days to come

Plushed gold nursery +
breeding nursery.

WE Friday, MAY 4 T2

124th Day—241 days to come

Faint, illegible handwriting, possibly a list or notes.

Saturday, MAY 5

125th Day—240 days to come

Just received your letter (Sunday)
(your letter was very nice)
I am sorry for it (the letter)
and hope it will be
sent to you by the 10
of your present letter

With much love,
one c/o, very uniform.

Sunday, MAY 6

126th Day—239 days to come

2nd seedling material (breeding
nursery and yield nursery)

1st emerged on 4th (Breeding nursery)
and May 6 (Yield nursery)

Finally emerged May 10

Yield nursery excellent stand
on 5/10, very uniform.

Monday, MAY 7

127th Day—238 days to come

Tuesday, MAY 8

128th Day—237 days to come

Just reaching maturity (beginning
maturity and yield maturity)
but emerged for 4 to 5 days
and more (maturity)
fully emerged May 10

Yield maturity, excellent stand
on 5/10, very uniform.

Wednesday, MAY 9

129th Day—236 days to come

Thursday, MAY 10

130th Day—235 days to come

seeded South end of S 5
4 blocks on west & 3 on east.

Century seed from 75 acre
field scattered over

S 5 & 4 by airplanes

on May 10, 1951.

May result in serious
mixtures.

Drained 1st & 2nd hole seedling
blocks

Friday, MAY 11

131st Day—234 days to come

.46 of rain

rice sown on May 10 had not
been cultupacked. I loaded yield
nursery and breeding nursery
field.

Saturday, MAY 12

132nd Day—233 days to come

flushed last natural cover (May 5th)
today

flushed big young
Century seed from 75' old
field natural cover
55' x 4' by airplane
on May 10, 1951
May result in some
mixture

flushed 1st 2nd 3rd 4th
1st 2nd

Sunday, MAY 13

133rd Day—232 days to come

Faint handwritten notes, possibly bleed-through from the reverse side of the page. The text is mostly illegible due to fading and cursive script.

det 7 ... 19 ...

30/31 ...

30.3 ...

69 ...

and ...

irrigated ...

along ...

Monday, MAY 14

134th Day—231 days to come

Seeded 3rd date of seeding

Flushed May 16th

Tuesday, MAY 15

135th Day—230 days to come

today and 5/16

Fertilized 1st + 2nd
date 7 sowing, 69 # N per
Acre, by hand 63.6 gms per
9.5 foot row or 303 lbs per Acre
or 69 # N per acre.

used small black measuring cup
Irrigated 1st + 2nd date
sowing plots today

Acid dump 1st

2nd Bt "

small manual cover
May 19

Wednesday, MAY 16

136th Day—229 days to come

Thursday, MAY 17

137th Day—228 days to come

Seeded Head row of Holte BBT
and Imp. BBT (flushed May 19)

Field plots

Blank
Blank

Holte BBT Hd Row

Holte BBT Hd Row

Imp BBT Hd Row

Imp BBT "

Imp BBT "

misc natural sown
May 19

Blank
Blank

Road

Friday, MAY 18

138th Day—227 days to come

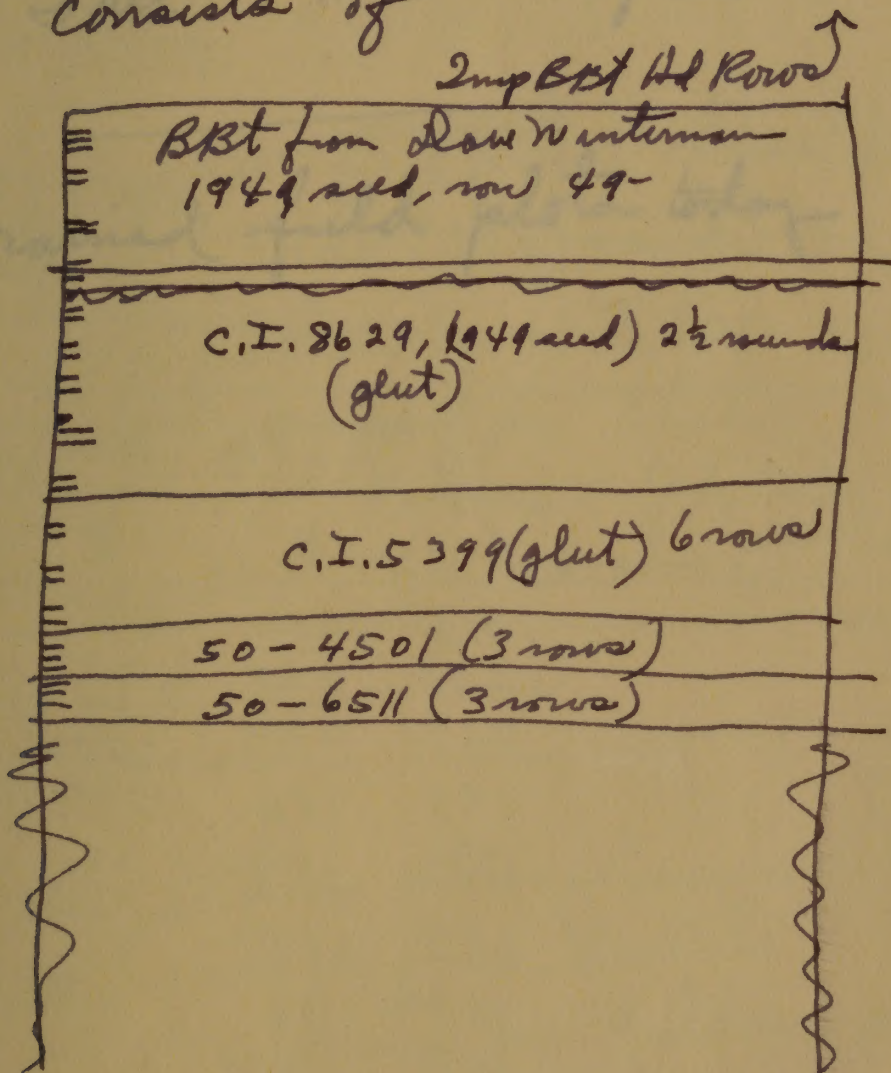
Finished material sown May 10
~~1st emerged May 15~~
1st emerged May 15
fully emerged May 19

Drained early sown
Head Row blocks today.

Saturday, MAY 19

139th Day—226 days to come

Seded mail block
south of Imp. B&T Hd Rows
consists of



Fertilized B&T + Imp B&T Hd Rows
and Mail ^{glut} block today

140th Day—225 days to come

Monday, MAY 21

141st Day—224 days to come

flushed 3rd date seedling,
1st emerged May 20.
Full " May 25

Drained field plots today

Tuesday, MAY 22

142nd Day—223 days to come

Worked on fertilizer distributor
+ cultivator (Same as Monday)

Calibration of hoppers.

22½ turns of wheel = 43.560 ft.

Used 11½ turns for Calibrating hoppers.

Setting	grams fertilizer (mixed) per 11½ turns, Hopper			
	1	2	3	4
10	215	203	192	183
	220	210	195	187
	212	210	189	188
			188	187
9	191	186	181	208
	202	195	176	211
	189	185	177	205
	192	183		
	192	186		
	185	196		
	190	187		

next 204

Wednesday, MAY 23

143rd Day—222 days to come

started fertilizing ^{early soon} 1st Row
drained May 18, finished Thurs.
morning.

BBT + Imp BBT 1st Row 1st emerged
mud glut block 1st emerged

Used 775 pounds of fertilizer on
17 blocks or 45 # per block.

Used 100 # 20% S.F. (Phillips)
25 # 45% Superphosphate

Setting of hoppers was

1 = 9
2 = 8
3 = 9
4 = 9

at these settings hoppers fed
quite uniform. Should be
re calibrated for yield nursery

Thursday, MAY 24

144th Day—221 days to come

^{Early Sown}
Cultivated 1st Head Rows drained
May 18th.

Started raining in pm

Friday, MAY 25

145th Day—220 days to come

Flooded Early sown Head Row
Flooded 3rd date seedling block
and drained on May 28th
Flooded (held) 5 blocks at south
end of S 5 (pure seed and 6 row plot
material)
Rainy all day

Saturday, MAY 26

146th Day—219 days to come

Sunday, MAY 27

147th Day—218 days to come

Monday, MAY 28

148th Day—217 days to come

Fertilized field plots:

Used $8\frac{1}{2}$ sz. (on 20 blocks) of
Phillips Am. Sulph.

Calibration of fert. distrib. as
follows.

Trial	Setting of hoppers ⑪ ⑬ ⑫ ⑫			
	1	2	3	4
1	158	169	164	158
2	158	163	168	159
3	160	162	167	164
4	159	170	165	162
5	158	159	165	161
6	154	162	165	163
7	160	167	164	159
8	157	159	161	159
9	156	163	165	161
10	157	170	165	159
av.	157.7	164.4	164.9	166.5

approximately 360 pounds per acre
or about 75# per acre. (42.5# per

Tuesday, MAY 29

149th Day—216 days to come

Cultivated field plots today
and trimmed field plots.
Length is 102+ feet

Drained Budding and yield nursing
on May 30. Had been flooded
since May 11 or 19 days

black

Wednesday, MAY 30

150th Day—215 days to come

flooded field plots today
and May 31.

Thursday, MAY 31

151st Day—214 days to come

flushed. Head rows of
2nd Bkt and Bkt (note) and
mud block. A light flood
held.

Set out male sterile plants
from J. W. Jones.

Friday, JUNE 1

152nd Day—213 days to come

Flooded 3rd date seedling today
(May 15th date)

Saturday, JUNE 2

153rd Day—212 days to come

Handwritten text, likely bleed-through from the reverse side of the page. The text is illegible due to fading and orientation.

Sunday, JUNE 3

154th Day—211 days to come

yield nursery and breeding
nursery dry enough for ferti-
lization, beginning to crust
but moist below crust.

Monday, JUNE 4

155th Day—210 days to come

Tuesday, JUNE 5

156th Day—209 days to come

Field nursery and hatching
nursery dry enough for first
election, beginning to crust
but moist below crust.

Wednesday, JUNE 6

157th Day—208 days to come

Thursday, JUNE 7

158th Day—207 days to come

Fertilized yield nursery and
breeding nursery, started
cultivating same. Alleys in
yield nursery trimmed with
hoes, all other alleys trimmed
with cultivator.

Used 360 pounds Phillips
S. F. on 8 blocks of yield
nursery or 45 pounds S. F. per block
or about 75 # N per acre

Set hoppers on ^① 11, ^② 13, ^③ 12, ^④ 12
for yield nursery and

Set hoppers on ^① 2, ^② 2, ^③ 2, ^④ 2 for
breeding nursery and used
340 # of S. F. on 15 blocks or
22.7 per block or 35 to 40 # N
per acre.

Friday, JUNE 8

159th Day—206 days to come

1 = 8

2 = 13

3 =

4 =

Saturday, JUNE 9

160th Day—205 days to come

Sunday, JUNE 10

161st Day—204 days to come

Checked 1st lot of seedling on
June 11 in a dry weather

Checked 2nd lot of seedling on
June 11 in a dry weather

Checked 3rd lot of seedling on
June 11

Monday, JUNE 11

162nd Day—203 days to come

Inigated yield nursery & budding
nursery on June 11 and 12

Seeded 4th date of seeding on
June 11 in a dry seed bed
flushed on June 13th.

Drained 3rd date of seeding
June 11

81 Tuesday, JUNE 12 N

163rd Day—202 days to come

Wednesday, JUNE 13

164th Day—201 days to come

Spent the morning reading
agency on June 11 and 12

Spent the afternoon reading on
June 11 in a dry well hole
flushed on June 13th

Spent the evening reading
June 11

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10-01

Dr

L. B. Jones

2 feet 10 inches

100.00

410

350

15

175

3.50

James H. Jones

Thursday, JUNE 14

165th Day—200 days to come

Drained 5 late sown blocks
at south end of S 5.

Friday, JUNE 15

166th Day—199 days to come

Drained 1st date seedling
Irrigated June 20

Saturday, JUNE 16

167th Day—198 days to come

4th date of meeting sat
emerged June 13th

Health emerges June 14th
Discharged 4th date Sunday

Sunday, JUNE 17

168th Day—197 days to come

Received 1st date card
August 20

Monday, JUNE 18

169th Day—196 days to come

4th date 7 seedling 1st
emerged June 16th

If all emergence, June 19th
Irrigated 4th date seedling

Tuesday, JUNE 19

170th Day—195 days to come

*At the date of writing / at
the date of June 19th*

*It will be written, June 19th
Completed 4th day ending*

Wednesday, JUNE 20

171st Day—194 days to come

Fertilized late sown material
on west side, south end and
3rd date of seeding.
Irrigated 3rd date seeding
used 12 pounds S. P. on back
series of wide blocks at south end,
west side. (6 row increase plots)

Irrigated 1st date seeding

Thursday, JUNE 21

172nd Day—193 days to come

Friday, JUNE 22

173rd Day—192 days to come

Saturday, JUNE 23

174th Day—191 days to come

Sunday, JUNE 24

175th Day—190 days to come

Monday, JUNE 25

176th Day—189 days to come

Tuesday, JUNE 26

177th Day—188 days to come

Wednesday, JUNE 27

178th Day—187 days to come

plants to cover

Cuban Variety

2

Salt Water

B. G. - D110

B. G. - T1

Cover at 4:30⁵ p.m.

remove at 7^{7:30} a.m.

Drained T. P. 49 Head Row
3 Blocks of Rensen Head Row

Thursday, JUNE 28

179th Day—186 days to come

Completed draining
Early head rows +
all of field plots
Fert. late head rows
of sulfate BBT + Imp. BBT.
also misc material.
Used about 200# $(\text{NH}_4)_2\text{SO}_4$
Started to cultivate + hoe
but was rained out.
Put Cuban rice in canal

Friday, JUNE 29

180th Day—185 days to come

Covered 8906 + Cuban
rice for crossing
covered 4:45^{PM} to 7:30 am until
covered about 21 days

Cuba started heading—
was in full boat 7/31

8906 going into boat on 7/31

Saturday, JUNE 30

181st Day—184 days to come

Covered 2nd + 5th

Feb 32 + 41 in. C. G.

midnight

Covered antet

Both going into heat on 7/27

Sunday, JULY 1

182nd Day—183 days to come

Boat 2206 & Cuban
left for Cienfuegos
arrived 9:45 to 7:30 pm until
arrived about 21 days

Cuba started fruiting
was in full fruit 7/18

2206 going into fruit on 7/18

Monday, JULY 2

183rd Day—182 days to come

Covered D110 + T1

Plot 37 + 41 in B.G.

introduction

Covered until

Both going into host on 7/31

Tuesday, JULY 3

184th Day—181 days to come

*Ground was very
soft & deep in places
in the morning
Covered with
frost going into heat on 7/21*

Wednesday, JULY 4

185th Day—180 days to come

[Faint, illegible handwriting, likely bleed-through from the reverse side of the page.]

[Faint, illegible handwriting, likely bleed-through from the reverse side of the page.]

Thursday, JULY 5

186th Day—179 days to come

Drained Breeding nursery
+ yield nursery
watered late head
row + 4th date of seeding

Dringsted July 10,

Friday, JULY 6

187th Day—178 days to come

Started watering field plots
+ Early head rows.

Saturday, JULY 7

188th Day—177 days to come

Sunday, JULY 8

189th Day—176 days to come

continued yesterday morning
+ Breeding morning

Monday, JULY 9

190th Day—175 days to come

Tuesday, JULY 10

191st Day—174 days to come

watered yield nursery
+ Breeding nursery

Wednesday, JULY 11

192nd Day—173 days to come

Thursday, JULY 12

193rd Day—172 days to come

Seeded last date
of seeding test

Friday, JULY 13

194th Day—171 days to come

Handwritten notes in pencil:
Should have been
of meeting that

Saturday, JULY 14

195th Day—170 days to come

Sunday, JULY 15

196th Day—169 days to come

Monday, JULY 16 18

197th Day—168 days to come

Requies. Ant. 231 H. L. P. 100

found a number of v. early seeds
and some from following plants

1. (South Island) ① 1 row 10 ft

2. (in 3rd) (in 1st) ② 2 rows

3. (in 3rd) ③ 1 row

4. (in 3rd) ④ 1 row

5. (in 1st) ⑤ 1 row

6. (in 1st) (in 1st) (in 1st) ⑥ ⑦ ⑧

Short ⑨ 10 days long and 10
rows (black 3)

Tuesday, JULY 17

198th Day—167 days to come

Wednesday, JULY 18

199th Day—166 days to come

Rogued Out - 231 1st Rows

found a number of v. early rows
saved rows from following blocks

- | | |
|--|------------------|
| 1 = (South block) ① | 1 row 1st column |
| 2 (1 in ② 2nd) (1 in ③ 5th) | 2 rows |
| 3 (1 in ④ 3rd) | 1 row |
| 4 1 in ⑤ 3rd | 1 row |
| 5 (1 in ⑥ 1st) | 1 row |
| 6 (North block) (1 in ⑦ 1st; 1 in ⑧ 2nd; 1 in ⑨ 3rd) | 3 rows |
- Plant #10 says large seed +
normal (block 3)

8 Thursday, JULY 19

200th Day—165 days to come

Friday, JULY 20

201st Day—164 days to come

Saturday, JULY 21

202nd Day—163 days to come

Sunday, JULY 22

203rd Day—162 days to come

Trip to Chamber County
to observe Dick Carroll's
fertilizer tower.

The Century Bld now
beginning to finish.
Barnfield here.

Monday, JULY 23

204th Day—161 days to come

Tuesday, JULY 24

205th Day—160 days to come

Trip to Chambers County
to observe Dick Carroll's
fertilizer tour.
Wolfe Century Hds row
beginning to head.
Dasselfield here.

Wednesday, JULY 25

206th Day—159 days to come

Trip to Sour Lake with
Hasselfield to observe Nolte-
Carpenter Century 231 for Reg.
and McDermond-Carpenter
BBt 50.

Thursday, JULY 26

207th Day—158 days to come

Friday, JULY 27

208th Day—157 days to come

Trip to Deer Lake with
Hanselfield to share with
Carpenter getting 237 for Reg.
and McHenry Carpenter
B&T 50

Saturday, JULY 28

209th Day—156 days to come

Sunday, JULY 29

210th Day—155 days to come

Monday, JULY 30

211th Day—154 days to come

Counted about 500
birds now left, were about
50 to 60 birds.
noticed a number of tall
century plants which appeared
common in other regions.

Tuesday, JULY 31

212th Day—153 days to come

Inspected Albert Gray Cent
Head row plot, was about
50% headed.

noticed a number of tall
Century plants which appeared
normal in other respects.

Wednesday, AUGUST 1

213th Day—152 days to come

August 1st Day 1st week
the day of the week

the day of the week
the day of the week

Thursday, AUGUST 2

214th Day—151 days to come

Inspected Bayt bl row,
see Aug 21 for results

also inspected notte Cent
Hd row.

Friday, AUGUST 3

215th Day—150 days to come

Trip to Lake & back
to head of trail
The Fuller Creek (S.S.)
about 1000 ft in W. direction
to bottom of the lake
and good for hunting

Saturday, AUGUST 4

216th Day—149 days to come

Trip to Katy & Eagle
Lake. Straight-head in
Mc Millan Cent. 231

also same in Winterman's
Winterman Hd Row looks
very good for printing

Sunday, AUGUST 5

217th Day—148 days to come

Monday, AUGUST 6

218th Day—147 days to come

Trip to Lake & Eagle
Lake. Bought bread in

McNelly's Cent. 23)

Also saw in Winterson's
Winterson's Rd. Row. Looked
very good for prints.

Tuesday, AUGUST 7

219th Day—146 days to come

your friend

Wednesday, AUGUST 8

220th Day—145 days to come

Field day

Thursday, AUGUST 9

221st Day—144 days to come

Friday, AUGUST 10

222nd Day—143 days to come

Child's day

Saturday, AUGUST 11

223rd Day—142 days to come

Sunday, AUGUST 12

224th Day—141 days to come

Monday, AUGUST 13

225th Day—140 days to come

Harvested wheat, 100 bushels.
Wheat in field, 100 bushels.
Wheat is a little green.

Tuesday, AUGUST 14

226th Day—139 days to come

Wednesday, AUGUST 15

227th Day—138 days to come

drained early med-gr
group in field plots,
Loeross is a little green

Thursday, AUGUST 16

228th Day—137 days to come

Hasselfield here.

Mc Daniel signed B4387 for

Red

Friday, AUGUST 17

229th Day—136 days to come

Saturday, AUGUST 18

230th Day—135 days to come

Log wind which blew
down Genith, Ep + Mog,
and R & BR-R.

Sunday, AUGUST 19

231st Day—134 days to come

Monday, AUGUST 20

232nd Day—133 days to come

drained early long sd
group of field plots 1 rep.

R x Bk - R too green, BBT 50 a
little green. Rent 52 prob.
about right.

drained 5th date seedling

Tuesday, AUGUST 21

233rd Day—132 days to come

Rogued Bayt Ad Row

found 1 Red plant,
not in full grow
was headed 8/22

Found 3 other plants,
very late which were
not headed, may have been
v. late Reds.

Found 10 + straw-hulled plants
and a number of "tails"; also
found some of these types
when first rogued (2 whet
earbury 2)

Wednesday, AUGUST 22

234th Day—131 days to come

Started threshing
field plots
most plots threshed by Sat

noon.

cut
calif.
EP
youth

B 4311A
Hill x 2
magnolia
Hill x 2

Thursday, AUGUST 23

235th Day—130 days to come

Crowley field day
drained 1st 3 groups of
yild nursery.

Friday, AUGUST 24

236th Day—129 days to come

Requied Hay Antimony
for last time.

found occasional
sterile & straw hulled
ant type

Sunday, AUGUST 26

238th Day--127 days to come

Received from the
the school some
found several
the other built
and type

Monday, AUGUST 27

239th Day—126 days to come

Started thrashing 2nd round
7 field plots

RBT 50 Resek
R x BR-R cont 52

~~Larvae (only 1 seen out)~~

Julia & Mr. Ross here
also Chastain & Barlowe

Drained mid. long group of
field plots.

Tuesday, AUGUST 28

240th Day—125 days to come

Regard North Country
1st Row Increase

10 Red (3 ripe enough
to produce seed) One had
2508 seeds (approx).

15-20 mud - got ^{straw} rough plants

20-30 straw Cent types

Saw Bx38A field, late
Reds showing. about full
Seed today in most cuts

Wednesday, AUGUST 29

241st Day—124 days to come

Thursday, AUGUST 30

242nd Day—123 days to come

August 30th Sunday

1st Row 3 rows

10th (3 rows enough

to produce 2nd) 1st row

25 28 seeds (approx)

15-20 and 1st row of 1st

20-30 straw Cent types

1st row 1st 38 17 field, etc

1st row 1st 38 17 field, etc

1st row 1st 38 17 field, etc

Friday, AUGUST 31 52

243rd Day—122 days to come

Saturday, SEPTEMBER 1

244th Day—121 days to come

Sunday, SEPTEMBER 2

245th Day—120 days to come

Trip to Richmond, Ga. under
Lies, Elmore & Angleton

Le. Bk. - 7 am

Ar. Gauley 10:30

Le. Gauley 2:05 pm

Ar. Angleton 2:40 pm

Le. " 4:55 pm

Ar. Port 5:15 pm

Spd

Port - 41 092

Angleton - 41 247

Gauley - 41 278

Port - 41 522

41 522

43 = @ 64

25.80

Monday, SEPTEMBER 3

248th Day—119 days to come

Tuesday, SEPTEMBER 4

247th Day—118 days to come

Trip to Richmond, ganado,
Edna, El Campo & Angleton

Lv. Bmt. - 7 am.

ar. ganado 10:40 "

Lv. ganado. 8:15 am.

ar. Angleton 2:40 pm

Lv. " 4:55 pm

ar. Bmt 8:10 pm

Spd.

Bmt - 41092

Sugarland - 41207

ganado - 41278

Bmt - 41522.

41092

430 @ 6¢

6
25.80

Wednesday, SEPTEMBER 5

248th Day—117 days to come

muck and glass both had small
amount of Bkt in Cent 231, Both
got little lot seed, Mannity
showed some Bkt also in threshed
sample,

599 10 - 200
702 14 - 100
808 14 - 100
202 14 - 100
110 11 - 100
430 0 54
5280

Thursday, SEPTEMBER 6

249th Day—116 days to come

Cut nursery plots

Friday, SEPTEMBER 7

250th Day—115 days to come

To Crowley

Cut several field plots

Sept 7

Leave Bmt 8:15 am

arr Crowley 10:50 am

Sept 8

Ln. Crowley 4:50 pm

arr. Bmt 7:15 pm

Saturday, SEPTEMBER 8

251st Day—114 days to come

returned from Crowley

Sunday, SEPTEMBER 9

252nd Day—113 days to come

To ~~the~~ ~~field~~ ~~plot~~ ~~area~~

Cut second field plot

Sept 9

Leave But 8:15 am

arr Crowley 10:50 am

left

to Crowley 4:50 pm

arr But 7:15 pm

Monday, SEPTEMBER 10

253rd Day—112 days to come

Jones here

Tuesday, SEPTEMBER 11

254th Day—111 days to come

Jones here

Threshed a few more field
plots

Wednesday, SEPTEMBER 12

255th Day—110 days to come

Jones here

rain

Thursday, SEPTEMBER 13

256th Day—109 days to come

rain

*Thatched a few more field
plots*

Friday, SEPTEMBER 14

257th Day—108 days to come

rain, cut nursery
plots in pm

Saturday, SEPTEMBER 15

258th Day—107 days to come

cut nursery plots

Sunday, SEPTEMBER 16

259th Day—106 days to come

Drove to Saw Lake
to see Edmunson + Fred Nolte

Monday, SEPTEMBER 17

260th Day—105 days to come

Weather cleared, started
threshing field plots

Tuesday, SEPTEMBER 18 W

261st Day—104 days to come

Threshed field plots
Hasselfield & Denton here
Drained BBT head row and TP49
head row.

Wednesday, SEPTEMBER 19

262nd Day—103 days to come

Threshed field photo.

Two men from So. Carolina
here interested in rice farming
there, Majors already farming
there.

Thursday, SEPTEMBER 20

263rd Day—102 days to come

Drain TP head rows & west side
of breeding nursery

Samples taken from
salt water tanks for
analysis.

Friday, SEPTEMBER 21

264th Day—101 days to come

Lee Coffey here from
college station,

Saturday, SEPTEMBER 22

265th Day—100 days to come

Sunday, SEPTEMBER 23

266th Day—99 days to come

See Coffey here from
college station.

Monday, SEPTEMBER 24

267th Day—98 days to come

Tuesday, SEPTEMBER 25

268th Day—97 days to come

Wednesday, SEPTEMBER 26

269th Day—96 days to come

8 Thursday, SEPTEMBER 27

270th Day—95 days to come

Friday, SEPTEMBER 28

271st Day—94 days to come

Saturday, SEPTEMBER 29

272nd Day—93 days to come

Sunday, SEPTEMBER 30

273rd Day—92 days to come

Monday, OCTOBER 1

274th Day—81 days to come

Tuesday, OCTOBER 2

275th Day—90 days to come

quinceberry and Lewis here
cut and thrashed field plots

Wednesday, OCTOBER 3

276th Day—89 days to come

Harvested Benoit B458A
Hd Row seed, a up.
sample obtained from
probing 30 ex 7 lot
obtained on 10/8.

1st th. hulled showed 20 Red
some were long & some short-
grain types.

Field also had a number of
tail late types and a few
rough plants, all were not
removed prior to harvest
need to further purify. Many
grains had sprouted during
rainy spell. yield was very

Thursday, OCTOBER 4

277th Day—88 days to come

good as compared with an adjacent field of BKT sown on similar land and under similar conditions. Field had been rogued twice for Red Rice but amount was too great to clean up.

Chas Jones visited station, hulled 15 pounds of his BKT-50 seed and found an 7 Red Rice grains, one being a long grain Red type.

cut and threshed Bluebonnet head Row plots on act 3 + 4

Friday, OCTOBER 5

278th Day—87 days to come

cut and threshed T.P. 49
head Row plots on acct 445.

Saturday, OCTOBER 6

279th Day—86 days to come

Thatched T. Patina had four
Platan were out on each
slightly over ripe when
harvested

on Wed 7 at T. Patina
" " " at T. Patina 9
" " " at T. Patina 10

" " " at Res over

" " " at BPT 10

" " " at Centange

" " " at Sup Blumet

Sunday, OCTOBER 7

280th Day—85 days to come

at and finished 7 P. M.
sent Paul photo on Oct 4-5.

Monday, OCTOBER 8

281st Day—84 days to come

Threshed T. Patna head Row
Plots were cut on Oct 6.
Slightly over ripe when
harvested.

7.00	Had	7	sq	T. Patna
5.00	"	6	sq	T. Patna 49
5.00	"	6½	sq	Bkt
8.00	"	9	sq	Rev or
7.00	"	7	sq?	Bkt 50
3.00	"	11	sq?	Century
8.00	"	11		Imp Bluebonnet
52.00				

Tuesday, OCTOBER 9

282nd Day—83 days to come

Wednesday, OCTOBER 10

283rd Day—82 days to come

[Faint, illegible handwriting, possibly bleed-through from the reverse side of the page.]

Thursday, OCTOBER 11^W

284th Day—81 days to come

Thru'd Treco
Had row blocks on
Wed + Thurs.

Friday, OCTOBER 12

285th Day—80 days to come

cut TP 49, + TP Sel,
on Oct 11

cut Rex and $\frac{1}{8}$ Rex a
day later

Saturday, OCTOBER 13

286th Day—79 days to come

[Faint, illegible handwriting, possibly a letter or journal entry, visible through the paper.]

Sunday, OCTOBER 14

287th Day—78 days to come

[Faint, illegible handwriting, possibly a diary entry or list, visible through the paper.]

Monday, OCTOBER 15

288th Day—77 days to come

Drained Salt Water tanks
and seeded to white, Persian
and Haplow^{er} and Sallis grass mixture

Tuesday, OCTOBER 16

289th Day—76 days to come

cut and harvested 2mp
BBT head row on 16 + 17th
also cut A series of Rexon and
 $\frac{7}{8}$ Rexon.

Wednesday, OCTOBER 17

290th Day—75 days to come

[Faint, illegible handwriting, possibly bleed-through from the reverse side of the page.]

Thursday, OCTOBER 18

291st Day—74 days to come

Cheaney here to get soil
samples on salt water tanks.
Too wet, will take samples
later.

Harvested 8906 heads.
Some were still green
but they were much later
than average. Occasional
heads were just coming
out of boots.

Friday, OCTOBER 19

292nd Day—73 days to come

Saturday, OCTOBER 20

293rd Day—72 days to come

Sunday, OCTOBER 21

294th Day—71 days to come

Monday, OCTOBER 22

295th Day—70 days to come

Tuesday, OCTOBER 23

296th Day—69 days to come

Wednesday, OCTOBER 24

297th Day—68 days to come

Added S 5 to Section 4
near & wh. Chowan (2nd) part
finished cutting out plots, except
late seeding and several wild
mowing plots.

Thursday, OCTOBER 25

298th Day—67 days to come

Friday, OCTOBER 26

299th Day—66 days to come

Sowed S 5 to Paclis (5#)
grass & wh. clover (5#) per ft
finished cutting all plots, except
date of seeding and several yield
mowing plots.

Saturday, OCTOBER 27

300th Day—65 days to come

Sunday, OCTOBER 28

301st Day—64 days to come

Monday, OCTOBER 29

302nd Day—63 days to come

Tuesday, OCTOBER 30^W

303rd Day—62 days to come

*Took photograph of
Cave with water tank*

Wednesday, OCTOBER 31

304th Day—61 days to come

Took photographs of
Crane salt water tanks

Thursday, NOVEMBER 1

305th Day—60 days to come

Friday, NOVEMBER 2

306th Day—59 days to come

Took photographs of
Crane salt water tanks

Saturday, NOVEMBER 3

307th Day—58 days to come

Sunday, NOVEMBER 4

308th Day—57 days to come

Monday, NOVEMBER 5

309th Day—56 days to come

Trip to College Station
no 7
To Port 9:00 am
at College Station 12:10 pm
no 8
at College Station
no 9
To College Station
2:15 pm
at Port
5:30 pm

Tuesday, NOVEMBER 6

310th Day—55 days to come

Wednesday, NOVEMBER 7

311th Day—54 days to come

Trip to College Station
nov 7

La. Bmt 9:00 am
arr College Station 12:10 pm

nov 8
at College Station

nov 9
La College Station
2:15 pm

arr Bmt
5:30 pm

Thursday, NOVEMBER 8

312th Day—53 days to come

Friday, NOVEMBER 9

313th Day—52 days to come

Saturday, NOVEMBER 10

314th Day—51 days to come

Sunday, NOVEMBER 11

315th Day—50 days to come

Monday, NOVEMBER 12

316th Day—49 days to come

Trip to ~~Redwood~~, Eagle
Lake, El Campo
and other points enroute
to collect samples
from foundation and rice
fields grown in 1951
Nov 12

Lv. Bmt 8:40 am
arr. Eagle Lake 2:30 pm
Lv " 3:40 pm
arr. El Campo 6:10 pm

Nov 13

Lv El Campo 8:55 am
arr Alvin 4:20 pm
Lv Alvin 6:45 pm
arr Bmt 9:30 pm

Tuesday, NOVEMBER 13

317th Day—48 days to come

1 acre in for 4 cups

Stand counts on salt water tanks, taken 11/2/51

1*	2	3*	4*	5	6	7	8	9	10	11	12
300	none	100	200	none	100	200	300	100	200	300	none
9-0	8-2	6-0	9-0	7-0	4-0	27-2	12-1	5-1	5-3	5-1	8-0
6-0	5-0	20-4	12-0	6-1	12-3	3-0	4-1	8-1	8-4	12-1	14-0
5-3	21-1	17-3	3-0	11-1	26-1	4-0	6-0	13-3	12-0	17-0	6-0
20-3	34-3	43-	71240	24-2	42-4	34-2	22-2	26-5	25-7	34-2	28-0

none -

100 -

200 -

300 -

* These plots show reddish tinge to plants (possible mineral deficiency) or are at least being adversely affected by salt treatment.

Wednesday, NOVEMBER 14

318th Day—47 days to come

Red Rice determinations

Pexow Island (all in + gum)

BBT 50, Maunty 12 Rids per 17 $\frac{3}{4}$ lbs
15 golds per lb.

BBT 50, R.E. Muck

15 Rids per 17 lbs.
3 golds per lb.

BBT W.A. glass

14 golds per lb.

no Rids in 20 lbs

Century (Maunty)

3.7 straw from 2 lbs.

1 med gr.

1 Red per 17 $\frac{1}{2}$ lbs.

Thursday, NOVEMBER 15

319th Day—46 days to come

Century (Winterman)

3 straws

no Reds in 20 lbs

Imp. B.Bt. (Roberts)

15 golds per 2 lbs.

7 Reds per 20 lbs.

Friday, NOVEMBER 16

320th Day—45 days to come

Saturday, NOVEMBER 17

321st Day—44 days to come

Sunday, NOVEMBER 18

322nd Day—43 days to come

Monday, NOVEMBER 19

323rd Day—42 days to come

Tuesday, NOVEMBER 20

324th Day—41 days to come

Wednesday, NOVEMBER 21

325th Day—40 days to come

Thursday, NOVEMBER 22

326th Day—39 days to come

Friday, NOVEMBER 23

327th Day—38 days to come

Saturday, NOVEMBER 24

328th Day—37 days to come

Sunday, NOVEMBER 25

329th Day—36 days to come

Monday, NOVEMBER 26

330th Day—35 days to come

8. Tuesday, NOVEMBER 27

331st Day—34 days to come

Wednesday, NOVEMBER 28

332nd Day—33 days to come

Thursday, NOVEMBER 29

333rd Day—32 days to come

Friday, NOVEMBER 30

334th Day--31 days to come

Saturday, DECEMBER 1

335th Day—30 days to come

Sunday, DECEMBER 22

336th Day—29 days to come

Monday, DECEMBER 3

337th Day—28 days to come

Tuesday, DECEMBER 4

338th Day—27 days to come

Wednesday, DECEMBER 5

339th Day—26 days to come

Thursday, DECEMBER 6

340th Day—25 days to come

Friday, DECEMBER 7

341st Day—24 days to come

Saturday, DECEMBER 8

342nd Day—23 days to come

Sunday, DECEMBER 9

343rd Day—22 days to come

Monday, DECEMBER 10

344th Day—21 days to come

Tuesday, DECEMBER 11

345th Day—20 days to come

Wednesday, DECEMBER 12

346th Day—19 days to come

Thursday, DECEMBER 13

347th Day—18 days to come

Friday, DECEMBER 14

348th Day—17 days to come

Saturday, DECEMBER 15

349th Day—16 days to come

Leave Beaumont 6:30 am
Arrive Crowley 7:30 pm

Dec. 18 at Crowley

Dec 19
Leave Crowley 8:30 pm
Arr. Beaumont 8:30

Sunday, DECEMBER 16

350th Day—15 days to come

Monday, DECEMBER 17

351st Day—14 days to come

Leave Beaumont 6:30 am
arrive Crowley, 9:20 pm

Dec. 18 at Crowley

Dec. 19

Lv. Crowley 4:30 pm

an. Beaumont 8:30

Tuesday, DECEMBER 18

352nd Day—13 days to come

Leave Richmond 5:30 am
Arrive Norfolk 7:30 pm

Dec. 18 At Norfolk

Dec. 19
At Norfolk 7:30 pm
Arrive Richmond 8:30

Wednesday, DECEMBER 19

353rd Day—12 days to come

Thursday, DECEMBER 20

354th Day—11 days to come

Friday, DECEMBER 21 2

355th Day—10 days to come

Saturday, DECEMBER 22

356th Day—9 days to come

Sunday, DECEMBER 23

357th Day—8 days to come

Monday, DECEMBER 24

358th Day—7 days to come

Tuesday, DECEMBER 25

359th Day—6 days to come

Wednesday, DECEMBER 26

360th Day—5 days to come

Thursday, DECEMBER 27

361st Day—4 days to come

Friday, DECEMBER 28

362nd Day—3 days to come

Saturday, DECEMBER 29

363rd Day—2 days to come

Sunday, DECEMBER 30

364th Day—1 day to come

Monday, DECEMBER 31

365th Day—last day of year

Special Data

325th Day - last day of year

Special Data

Special Data

Cash Account, January

On hand January 1 \$

Net Receipts for month . . \$

Net Balance - January 31 . \$

Cash Account, February

[illegible]

Net Balance - January 31 . \$ 1,000.00

Net Receipts for month . . \$ _____

Net Balance - February 28 . \$

Cash Account, March

[illegible]

Net Balance - February 28 . \$ 15,400.00

Net Receipts for month . . \$

Net Balance - March 31 . . \$ 1,000.00

Cash Account, April

[illegible]

Net Balance - March 31 . . \$ 1,000.00

Net Receipts for month . . \$ 1,000.00

Net Balance - April 30 . . \$

Cash Account, May

Net Balance - April 30 . . \$

Net Receipts for month . . \$

Net Balance - May 31 . . \$ 1,000.00

Open Account, June

			Received	Paid

Cash Account, July

[illegible]

Net Balance - June 30 . . \$

Net Receipts for month . . \$

Net Balance - July 31 . . \$

Cash Account, August

[illegible]

Net Balance - July 31 . . \$ 2,000.00

Net Receipts for month . . \$ 4,000.00

Net Balance - August 31 . \$.....

Cash Account, September

Net Balance - August 31 . \$_____

Net Receipts for month . . \$ _____

Net Balance-September 30 . \$.....

Cash Account, October

[illegible]

Net Balance-September 30 . \$.....

Net Receipts for month . . \$

Net Balance - October 31 . \$ 100,000.00

Cash Account, November

Net Balance - October 31 . \$ 1,000.00

Net Receipts for month . . \$

Net Balance - November 30 \$ 15,418.00

Cash Account, December

Date	Received	Received	Paid
	Total		

Net Balance - November 30 \$ _____

Net Receipts for month . . \$ _____

Net Balance - December 31 \$ _____

Summary of Cash Account

Name of Company		Received		Paid	
On hand January 1	. . .				
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
Total	. .				

Balance as of December 31, \$.....

Insurance

Rate	Issue	Name of Company
		On hand January 1
		January
		February
		March
		April
		May
		June
		July
		August
		September
		October
		November
		December
		Total
		Balance as of December 31, 1900

VEGETATION

Policy Number	Amount	Premium	Expires

DIRECTORY

[illegible]

DIRECTORY

[illegible]

DIRECTORY

[illegible]

DIRECTORY

[illegible]

DIRECTORY

Names and Addresses and Telephone Numbers

NOTE — Postal Rates shown herein are those effective January 1, 1949. Since these books must be prepared long in advance and Congress has at this time not yet passed any definite new schedules, supplementary postal information will be furnished on a separate sheet if same is passed and approved before these books are ready for distribution.

Official 1950 Census figures will not be available for publication until early 1951 and will therefore be shown in 1952 books.

Postal Information

Effective January 1, 1949

Domestic Postage

Domestic rates of postage apply to all parts of the United States and all its possessions, which includes Hawaii and Alaska; also to mail for officers and crew of the vessels of war of the United States, and to other places where the United States mail services may be in operation.

First Class Matter. Letters and written matter, also other matter, if sealed against postal inspection, 3c per ounce or fraction thereof, except post and postal cards and Drop Letters for non-carrier offices, provided addressees are not served by rural or star route carriers, which under existing law remain at 1c for each ounce or fraction thereof.

Government postal cards 1c, private mailing or post cards 1c.

Air Mail. (Limit 8 ounces — air mail weighing more than 8 ounces is subject to the zone rates and conditions prescribed for Air Parcel Post Service.)

Six cents for each ounce or fraction thereof, except postal and private mailing cards 4c each. These rates apply within the continental United States and Alaska, to or from the continental U. S., including Alaska and Hawaii, Puerto Rico, Virgin Islands of the U. S., Canton Island, Canal Zone, Guam, and any other place where the U. S. mail is in operation; within or between any of these territories, or to or from members of the armed forces of the U. S. stationed outside the continental U. S., whose address includes an Army Post Office number or a Fleet Post Office designation; also to or from civilian personnel authorized to receive mail through such Army or Fleet Post Offices; to Canada and Mexico.

Mail for dispatch via airplane service will be accepted for Registration, Insurance, or C.O.D. by adding the additional fees for the particular service desired.

Air Parcel Post Zone Rates. (Over 8 Oz. Up to 70 Lbs.)

Zones	Miles	1st Lb.	Each Add. Lbs.
First and Second to 150.		.55	.04
Third 150 to 300.		.60	.08
Fourth 300 to 600.		.65	.14
Fifth 600 to 1000.		.70	.24
Sixth 1000 to 1400.		.75	.33
Seventh 1400 to 1800.		.75	.45
Eighth Over 1800.		.80	.65

Note.—80c for the first pound and 80c for each additional pound or fraction thereof will be charged on parcels air mailed between any point in Continental U. S. and any point in its territories or possessions falling within the Eighth Zone; namely Hawaii, Alaska, Guam, Canal Zone, overseas A.P.Os and F.P.Os and between U. S. or its territories and possessions and U. S. Naval vessels in foreign waters, if foreign port is used as part of address.

Second Class Matter. (Unsealed) Newspapers and periodicals, which are "Entered as Second Class Matter." See postmaster for publishers' rates. When mailed by public, 1c for each 2 ounces or fraction

thereof, or the fourth class rate, whichever is lower.

Third Class Matter. (Limit 8 ounces.) Circulars and other miscellaneous printed matter, also on merchandise, 2c for the first 2 ounces or fraction thereof, plus 1 cent for each additional ounce or fraction thereof.

On books and catalogs having 24 or more pages, also seeds, cuttings, bulbs, roots, scions, and plants 1½c for each two ounces or fraction thereof.

Minimum charge for odd sized or shaped pieces or packages 3c each.

Special fee for bulk mailing permit, \$10.00 per annum. Special rates for bulk quantities of identical pieces, bulk quantities of circulars, periodicals, etc., apply to local postmaster for rates.

Fourth Class (Parcel Post) Mail (Over 8 ounces and not exceeding 70 pounds); Includes merchandise, books, catalogs and other printed matter and other mailable matter not in first or second class.

The regular pound rates for the parcel post zones are:

Zone	Miles	First lb.	Up To 10 lbs.	Over 10 lbs.
Local		.10	1.0	0.75
1st and 2nd (to 150)...		.12	2.1	2.0
3rd (150 to 300).....		.13	3.0	2.8
4th (300 to 600).....		.14	4.5	4.25
5th (600 to 1000).....		.15	6.0	5.50
6th (1000 to 1400).....		.16	7.5	7.25
7th (1400 to 1800).....		.17	9.5	9.25
8th (Over 1800).....		.18	11.5	11.25

Fractions of pounds are computed as full pounds and fractions of cents are counted as full cents.

Size and Weight. Limit of size 100 inches in length and girth combined. Limit of weight over 8 ounces and not exceeding 70 pounds.

Parcels weighing less than 10 pounds and measuring more than 84 inches but not more than 100 inches in length and girth combined are subject to the 10 pound rate.

In the 1st or 2nd zone where the distance by the shortest regular practicable mail route is 300 miles or more, the rate is the same as for the 3rd zone.

The special reductions for parcels collected on rural routes have been eliminated as of January 1, 1949.

See Parcel Post Zone Rate Schedule on next page.

Catalogs. Over 8 oz., not exceeding 10 lbs., in bound form, having 24 or more pages, and individually addressed.

Zones	Miles	1st Lb. Cents	Add. Lbs. Cents
Local		7.5	1.0
First and Second to 150...		8.0	1.5
Third 150 to 300...		9.0	2.0
Fourth 300 to 600...		10.0	2.5
Fifth 600 to 1000...		12.0	3.0
Sixth 1000 to 1400...		13.0	4.0
Seventh 1400 to 1800...		14.0	5.0
Eighth Over 1800...		15.0	6.0

Books (Limit 70 lbs.) 24 or more pages permanently bound, containing principally reading matter or reading matter with blank spaces for students' notations and no other advertising matter than publisher's announcements, 8c for the first pound

Postal Information—Continued

or fraction thereof and 4c for each additional pound or fraction thereof.

Library Books (Limit 70 lbs.) containing only reading matter and no other advertising except publisher's announcements, when sent by Public Libraries or non-profit institutions or associations to readers or returned by them addressed for local delivery or within the 1st, 2nd or 3rd zone, or within the State in which mailed, 4c for the first pound or fraction thereof, plus 1c for each additional pound or fraction thereof, except where third or fourth class rates are lower. Public Libraries, organizations, or associations, not heretofore authorized are required to furnish satisfactory evidence that no part of their income inures to the benefit of any private stockholder or individual.

Special Delivery. The fees in addition to regular postage on matter to receive the most expeditious handling and transportation practicable and immediate delivery at the office of address shall be as follows:

Weight	Class of Matter	
	2nd - 3rd	4th
Up to 2 pounds.....	.15	.25
Over 2 but not over 10 pounds.....	.25	.35
Over 10 pounds.....	.35	.45

Special Handling (For fourth-class matter only), in addition to the regular postage on all parcels of fourth-class matter which are to receive the most expeditious handling and transportation practicable:

Weight	Fee
Up to 2 pounds.....	.15
Over 2 but not over 10 pounds.....	.20
Over 10 pounds.....	.25

Return Receipts. The fees for senders' return receipts for domestic registered and insured mail shall be as follows:

	Fee
When requested at the time of mailing.....	.05
When requested subsequent to time of mailing.....	.10
When requested showing to whom, when, and the address where delivered.....	.31

Domestic Money Orders (Limit for each \$100).

Amount of Money Order	Fee
From \$0.01 to \$5.....	.10
From \$5.01 to \$10.....	.15
From \$10.01 to \$50.....	.25
From \$50.01 to \$100.....	.35

Postal Notes. Fee 8c for any amount not exceeding \$10; valid for two calendar months from last day of month of issue; payable thereafter only by means of a duplicate note, application for which may be filed at any post office; claims will be considered only if filed within one year from last day of month of issue.

Domestic Insured Mail (Third- and fourth-class matter).

Amount of Insurance	Fee	Amount of Insurance	Fee
\$0.01 to \$5.....	.05	\$25.01 to \$50..	.20
\$5.01 to \$10.....	.10	\$50.01 to \$100.	.25
\$10.01 to \$25.....	.15	\$100.01 to \$200	.30

Domestic Registered Mail. The fees for domestic registered mail (first, second, and third-class matter, and sealed fourth-

class matter on which postage at the first-class rate has been paid) shall be as follows:

Indemnity Limit	Registration Fee	Indemnity Limit	Registration Fee
\$0.01 to \$5.....	\$0.25	\$300.01 to \$400.	\$0.85
\$5.01 to \$25....	.35	\$300.01 to \$400..	.85
\$25.01 to \$50....	.40	\$400.01 to \$500..	1.00
\$50.01 to \$75....	.45	\$500.01 to \$600..	1.10
\$75.01 to \$100..	.50	\$600.01 to \$700..	1.20
\$100.01 to \$200..	.60	\$700.01 to \$800..	1.30
\$200.01 to \$300..	.70	\$800.01 to \$900..	1.40
		\$900.01 to \$1000	1.50

Domestic Collect-on-Delivery Mail (Unregistered). The fees for domestic C.O.D. mail — unregistered (third- and fourth-class matter and sealed domestic mail matter of any class bearing postage at the first-class rate) shall be as follows:

Amount of C.O.D. or Insurance Desired	Amount of C.O.D. or Insurance Desired
\$0.01 to \$2.50... .20	\$50.01 to \$100.. .55
\$2.51 to \$5.00... .25	\$100.01 to \$150.. .60
\$5.01 to \$25.00.. .35	\$150.01 to \$200.. .65
\$25.01 to \$50.00.. .45	

Domestic Collect-on-Delivery Mail (Registered). The fees for domestic registered C.O.D. mail (sealed domestic mail of any class, bearing postage at the first-class rate) shall be as follows:

Amount Collectible and Indemnity Payable	Fee Including Registration
\$0.01 to \$10.....	\$0.55
\$10.01 to \$50.....	.70
\$50.01 to \$100.....	.90
\$100.01 to \$200*.....	1.15

*Limit of collections \$200.00

When indemnity in excess of \$200 is desired, the fees for domestic registered collect-on-delivery mail shall be:

Amount of Indemnity	Fee Including Registration
\$200.01 to \$300.....	\$1.20
\$300.01 to \$400.....	1.25
\$400.01 to \$500.....	1.30
\$500.01 to \$600.....	1.35
\$600.01 to \$700.....	1.40
\$700.01 to \$800.....	1.45
\$800.01 to \$1000.....	1.55

When the declared value exceeds the maximum indemnity covered by the registry fee paid, surcharge is made as follows:

ALL ZONES:

Excess Declared Value	Surcharge (cents)	Excess Declared Value	Surcharge (cents)
Up to \$ 50.00... 2		Up to \$600.00... 7	
Up to 100.00... 3		Up to 800.00... 8	
Up to 200.00... 4		Up to 999.99... 10	
Up to 400.00... 6			

Note.—If the excess of the declared value over the maximum indemnity covered by the registry fee paid is \$1000 or more, the surcharges for each \$1000 or part of \$1000 of such excess are as follows:

Cents	Cents
Local or 1st zone 11	4th zone 15
2nd zone 12	5th or 6th zone.. 16
3rd zone 14	7th or 8th zone.. 18

Parcel Post Zone Rates

WEIGHT IN POUNDS	Local rate	1st-2d zone rate	3d zone rate	4th zone rate	5th zone rate	6th zone rate	7th zone rate	8th zone rate
1.....	\$0.10	\$0.12	\$0.13	\$0.14	\$0.15	\$0.16	\$0.17	\$0.18
2.....	.11	.15	.16	.19	.21	.24	.27	.30
3.....	.12	.17	.19	.23	.27	.31	.36	.41
4.....	.13	.19	.22	.28	.33	.39	.46	.53
5.....	.14	.21	.25	.32	.39	.46	.55	.64
6.....	.15	.23	.28	.37	.45	.54	.65	.76
7.....	.16	.25	.31	.41	.51	.61	.74	.87
8.....	.17	.27	.34	.46	.57	.69	.84	.99
9.....	.18	.29	.37	.50	.63	.76	.93	1.10
10.....	.19	.31	.40	.55	.69	.84	1.03	1.22
11.....	.20	.33	.43	.59	.75	.91	1.12	1.33
12.....	.21	.35	.46	.63	.80	.98	1.21	1.44
13.....	.22	.37	.49	.68	.86	1.06	1.31	1.56
14.....	.22	.39	.52	.72	.91	1.13	1.40	1.67
15.....	.23	.41	.54	.76	.97	1.20	1.49	1.78
16.....	.24	.43	.57	.80	1.02	1.27	1.58	1.89
17.....	.25	.45	.60	.85	1.08	1.35	1.68	2.01
18.....	.25	.47	.63	.89	1.13	1.42	1.77	2.12
19.....	.26	.49	.66	.93	1.19	1.49	1.86	2.23
20.....	.27	.51	.68	.97	1.24	1.56	1.95	2.34
21.....	.28	.53	.71	1.02	1.30	1.64	2.05	2.46
22.....	.28	.55	.74	1.06	1.35	1.71	2.14	2.57
23.....	.29	.57	.77	1.10	1.41	1.78	2.23	2.68
24.....	.30	.59	.80	1.14	1.46	1.85	2.32	2.79
25.....	.31	.61	.82	1.19	1.52	1.93	2.42	2.91
26.....	.31	.63	.85	1.23	1.57	2.00	2.51	3.02
27.....	.32	.65	.88	1.27	1.63	2.07	2.60	3.13
28.....	.33	.67	.91	1.31	1.68	2.14	2.69	3.24
29.....	.34	.69	.94	1.36	1.74	2.22	2.79	3.36
30.....	.34	.71	.96	1.40	1.79	2.29	2.88	3.47
31.....	.35	.73	.99	1.44	1.85	2.36	2.97	3.58
32.....	.36	.75	1.02	1.48	1.90	2.43	3.06	3.69
33.....	.37	.77	1.05	1.53	1.96	2.51	3.16	3.81
34.....	.37	.79	1.08	1.57	2.01	2.58	3.25	3.92
35.....	.38	.81	1.10	1.61	2.07	2.65	3.34	4.03
36.....	.39	.83	1.13	1.65	2.12	2.72	3.43	4.14
37.....	.40	.85	1.16	1.70	2.18	2.80	3.53	4.26
38.....	.40	.87	1.19	1.74	2.23	2.87	3.62	4.37
39.....	.41	.89	1.22	1.78	2.29	2.94	3.71	4.48
40.....	.42	.91	1.24	1.82	2.34	3.01	3.80	4.59
41.....	.43	.93	1.27	1.87	2.40	3.09	3.90	4.71
42.....	.43	.95	1.30	1.91	2.45	3.16	3.99	4.82
43.....	.44	.97	1.33	1.95	2.51	3.23	4.08	4.93
44.....	.45	.99	1.36	1.99	2.56	3.30	4.17	5.04
45.....	.46	1.01	1.38	2.04	2.62	3.38	4.27	5.16
46.....	.46	1.03	1.41	2.08	2.67	3.45	4.36	5.27
47.....	.47	1.05	1.44	2.12	2.73	3.52	4.45	5.38
48.....	.48	1.07	1.47	2.16	2.78	3.59	4.54	5.49
49.....	.49	1.09	1.50	2.21	2.84	3.67	4.64	5.61
50.....	.49	1.11	1.52	2.25	2.89	3.74	4.73	5.72
51.....	.50	1.13	1.55	2.29	2.95	3.81	4.82	5.83
52.....	.51	1.15	1.58	2.33	3.00	3.88	4.91	5.94
53.....	.52	1.17	1.61	2.38	3.06	3.96	5.01	6.06
54.....	.52	1.19	1.64	2.42	3.11	4.03	5.10	6.17
55.....	.53	1.21	1.66	2.46	3.17	4.10	5.19	6.28
56.....	.54	1.23	1.69	2.50	3.22	4.17	5.28	6.39
57.....	.55	1.25	1.72	2.55	3.28	4.25	5.38	6.51
58.....	.55	1.27	1.75	2.59	3.33	4.32	5.47	6.62
59.....	.56	1.29	1.78	2.63	3.39	4.39	5.56	6.73
60.....	.57	1.31	1.80	2.67	3.44	4.46	5.65	6.84
61.....	.58	1.33	1.83	2.72	3.50	4.54	5.75	6.96
62.....	.58	1.35	1.86	2.76	3.55	4.61	5.84	7.07
63.....	.59	1.37	1.89	2.80	3.61	4.68	5.93	7.18
64.....	.60	1.39	1.92	2.84	3.66	4.75	6.02	7.29
65.....	.61	1.41	1.94	2.89	3.72	4.83	6.12	7.41
66.....	.61	1.43	1.97	2.93	3.77	4.90	6.21	7.52
67.....	.62	1.45	2.00	2.97	3.83	4.97	6.30	7.63
68.....	.63	1.47	2.03	3.01	3.88	5.04	6.39	7.74
69.....	.64	1.49	2.06	3.06	3.94	5.12	6.49	7.86
70.....	.64	1.51	2.08	3.10	3.99	5.19	6.58	7.97

EXCEPTIONS:

In the first or second zone, where the distance by the shortest regular practicable mail route is 300 miles or more, the rate is the same as for the third zone.

Parcels weighing less than 10 pounds measuring over 84 inches, but not more than 100 inches in length and girth combined, are subject to a minimum charge equal to that for a 10-pound parcel for the zone to which addressed.

Books — see special book rate regulations.

Help in Case of Accident

In all cases of serious shock or injury, send for a doctor or ambulance at once. In the meantime, apply first aid promptly, but not hastily.

BLEEDING WOUNDS—Bleeding in spurts indicates severing of an artery. Steady flow indicates a vein has been cut. Bleeding from an artery should be stopped by applying pressure of the thumb, a compress or cloth pad over the artery at a point between the bleeding wound and the heart. In bleeding from a vein (steady flow), pressure should be applied on the side away from the heart. Where bleeding is not severe, a compress over the open wound should be sufficient. If bleeding is very severe, tourniquet may be made by tying handkerchief, cloth, belt, strap or neck-tie around the part over compress and using small stick, pencil, or similar article with which to twist and tighten. Do not twist too hard, just enough to stop bleeding. Loosen every twenty minutes to let a little blood escape. Keep the part elevated.

SHOCK—Lay patient flat on back with head low, unless head is bleeding. Remove false teeth, gum or tobacco from mouth. Keep patient warm. Give stimulants such as aromatic spirits of ammonia in water, hot coffee, tea or water. Do not give stimulant to unconscious patients, or one who may have internal bleeding.

BURNS AND SCALDS—Skin unbroken. A paste of baking soda in water; cod-liver, olive, or castor oil; or vaseline. Cover with sterile gauze. Where skin is broken, apply wet baking soda, gentian violet jelly, picric acid gauze, or tannic acid jelly. Keep dressing moist. Chemical burns—wash immediately with large quantities of clean water before applying any other treatment.

FAINTING—Place flat on back, head lower than rest of body, loosen clothing, allow plenty of fresh air and keep warm.

LIGHTNING OR SUN STROKE—Loosen clothing, dash cold water on face, treat for shock. In case of sun stroke, remove to shade. Apply cold water to head.

ARTIFICIAL RESPIRATION—

Prone Method

Some injuries such as electric shock, drowning, gas poisoning and choking interfere with breathing and may cause asphyxiation, unless normal breathing is promptly restored. Artificial respiration should be resorted to to bring this about, but remember, **SEND FOR A DOCTOR IMMEDIATELY.**

Lay the patient prone, (face down), the head "downhill," if possible, with one arm extended directly overhead, and the other arm bent at the elbow to form a resting place for the head, so that nose and mouth are free for breathing.

Kneel, straddling the patient's thighs, with palms of the hands on the small of the back, and fingers resting on the ribs, the little finger just touching the lowest rib, and the fingers extended straight down.

With arms held straight, swing forward slowly, bringing the weight of the body gradually upon the patient, so that the shoulder in this position is directly over the heel of the hand at the end of the forward swing. Do not bend elbows. Then immediately swing backward, so as to re-

move the pressure completely. After two seconds, repeat the pressure and release, the complete swing forward and backward to take four or five seconds, or 12 to 15 times a minute. Continue without interruption until the patient breathes naturally.

Patients have been revived after as long as four hours or more by this method. Keep up the artificial respiration and do not allow patient, even if he starts to breathe naturally, to stand or sit up. Keep patient warm and if doctor has not arrived by the time patient has revived, give light stimulants, 1 teaspoon of aromatic spirits of ammonia in a small glass of water, or hot drink of coffee or tea. Watch patient to see that normal breathing continues, and if natural breathing stops, begin artificial respiration again. If necessary, to change operator, the change should be made without losing the rhythm of respiration.

IN CASE OF POISONING

First—Send for a physician.

Second—Induce vomiting by tickling throat with feather or finger. Drink hot water or strong mustard and water. Swallow sweet oil or whites of eggs.

Acids are antidotes for **Alkalies** and vice versa.

SPECIAL POISONS AND ANTIDOTES

ACIDS—Muriatic, Oxalic, Acetic, Sulphuric (Oil of Vitriol), Nitric (Aqua Fortis).

Ant.—Soap suds, magnesias, lime-water.

PRUSSIC ACID, Cyanide of Potassium.

Ant.—Ammonia in water. Dash water in face. Give stimulants.

CARBOLIC ACID—

Ant.—Flour and water, mucilaginous drinks.

ALKALIES, Potash, Lye, Hartshorn, Ammonia.

Ant.—Vinegar or lemon juice in water.

ARSENIC. Rat Poison, Paris Green.

Ant.—Milk, raw eggs, sweet oil, lime-water, flour and water.

BUG POISON. Lead, Saltpetre, Corrosive sublimate, Sugar of Lead, Blue Vitriol.

Ant.—Whites of eggs or milk in large doses.

CHLOROFORM. Chloral, Ether.

Ant.—Give emetic, keep patient aroused; apply mustard plaster over heart and calves of legs; use artificial respiration.

CARBONATE OF SODA. Coperas, Cobalt.

Ant.—Soap suds and mucilaginous drinks.

IODINE. Antimony, Tartar Emetic.

Ant.—Starch and water, chalk, magnesias, starchy food, strong tea. Apply external heat.

MERCURY and its Salts.

Ant.—Whites of Eggs, Milk Mucilages.

OPIUM. Morphine, Laudanum, Paregoric, Soothing Powders or Syrups.

Ant.—Strong coffee, mustard or ipecac as emetic. Keep awake and moving. Keep warm.

How to Prevent Fires

Most fire losses occurring in the United States and Canada, the two countries that lead the world in per capita loss, arise from causes easily preventable. You can reduce your probability of loss by attention to the following simple precautions:

1. Provide metal containers for hot ashes and prohibit the use of wooden receptacles.
2. Keep cellars, closets and stairways free from loose wrapping paper or other highly combustible material.
3. Equip your property so that it is easy to turn off current when leaving electric irons and other heating appliances, even for a short time.
4. Use only good standard fuses and never permit the substitution of coins or wires for blown fuses.
5. Examine metal flues periodically and see that they are renewed before they

are badly weakened by internal rust or otherwise.

6. See that accumulations of soot are removed from your chimneys at least once in each year, preferably before lighting fires in the Fall.

7. Make sure that gasoline and other inflammable fluids, including duco, are kept out of rooms where there are open fires or flames of any kind.

8. Keep open lights (candles, gas) and portable electric heaters away from curtains or other inflammable material which may come in contact with them.

9. If oil mops are used on your floors, see to it that they are kept, when not in use, preferably on an incombustible floor (such as the concrete floor in your basement) and never in a closet.

10. Keep your supply of matches in a closed metal receptacle and out of reach of the children.

Rules in Case of Fire

Familiarize yourself with the location of windows and natural escapes.

Learn the position of all stairways, particularly the top landing and scuttle to the roof.

Keep the doors of rooms shut.

Wet a towel, stuff it in the mouth, breathe through it instead of nose, so as not to inhale smoke.

Never get excited, try to recall the means of exit.

If room fills with smoke keep close to floor and crawl along by the walls to the window.

NEVER go to roof, unless as a last resort and you know there is escape to adjoining buildings.

NEVER jump through flames in a building without covering the head with a blanket or heavy clothing.

Open windows from the top.

Common Stains and How to Remove Them

Blood and meat juice. Use cold water; soap and cold water; or starch paste.

Bluing. Use boiling water.

Chocolate and cocoa. Use borax and cold water; bleach if necessary.

Coffee and tea. (Clear).—Use boiling water; bleach if necessary. (With cream.) Use cold water, then boiling water; bleach if necessary.

Cream and milk. Use cold water, then soap and cold water.

Egg. Use cold water.

Fruit and fruit juices. Use boiling water; bleach if necessary.

Grass. Use cold water; soap and cold water; alcohol or a bleaching agent.

Grease and oils. Use French chalk, blotting paper or other absorbent; or warm water and soap; or gasoline, benzine, or carbon tetrachloride.

Iodine. Use warm water and soap; alcohol; or ammonia.

Ink. Try cold water; then use an acid or bleach if necessary.

Iron. Use oxalic acid; hydrochloric acid; salts of lemon; or lemon juice and salt.

Kerosene. Use warm water and soap.

Lampblack and soot. Use kerosene, ben-

zine, chloroform, ether, gasoline, or carbon tetrachloride.

Medicine. Use alcohol.

Mildew. If fresh, use cold water; otherwise try to bleach with javelle water or potassium permanganate.

Paint and varnish. Use alcohol, carbon tetrachloride, chloroform, or turpentine.

Perspiration. Use soap and warm water; bleach in the sun or with javelle water or potassium permanganate.

Pitch, tar and wheel grease. Rub with fat; then use soap and warm water; or benzine, gasoline, or carbon tetrachloride.

Scorch. Bleach in the sunshine or with javelle water.

Shoe polish. (Black.)—Use soap and water; or turpentine. (Tan.)—Use alcohol.

Syrup. Use water.

Stove polish. Use cold water and soap; or kerosene, benzine or gasoline.

Vaseline. Use kerosene or turpentine.

Water. Steam or sponge the entire surface of water-spotted materials.

Wax. Scrape off as much as possible. Use French chalk, blotting paper or other absorbent, with a warm iron; or use benzine or gasoline. If color remains, use alcohol or bleach.

Weights and Measures

APOTHECARIES' WEIGHT

20 grains=.1 scruple 8 drams....1 ounce
3 scruples...1 dram 12 ounces...1 pound
Ounce and pound are the same as in
Troy Weight

AVOIRDUPOIS WEIGHT

27-11/32 grains.....1 dram
16 drams.....1 ounce
16 ounces.....1 pound
25 pounds.....1 quarter
4 quarters.....1 cwt.
2,000 pounds.....1 short ton
2,240 pounds.....1 long ton

TROY WEIGHT

24 grains.....1 dwt.
20 dwts....1 ounce 12 ounces...1 pound
Used for weighing gold, silver and jewels.

CLOTH MEASURE

2 3/4 inches...1 nail 4 nails...1 quarter
4 quarters.....1 yard

CUBIC MEASURE

1,728 cubic inches.....1 cubic foot
27 cubic feet.....1 cubic yard
128 cubic feet.....1 cord (wood)
40 cubic feet.....1 ton (shipping)
2,150.42 cubic inches...1 standard bushel
231 cubic inches...1 U. S. standard gallon
1 cubic foot.....about 4/5 of a bushel

DRY MEASURE

2 pints...1 quart 4 pecks....1 bushel
8 quarts...1 peck 36 bushels...1 chaldron

LIQUID MEASURE

4 gills.....1 pint 4 quarts...1 gallon
2 pints....1 quart 31 1/2 gals...1 barrel
2 barrels.....1 hogshead

LONG MEASURE

12 inches.....1 foot
3 feet.....1 yard
5 1/2 yards.....1 rod
40 rods.....1 furlong
8 furlongs.....1 sta. mile
3 miles.....1 league

MARINERS' MEASURE

6 feet=1 fath'm. 120 fath's=1 cable length
7 1/2 cable lengths.....1 mile
5,280 feet.....1 statute mile
6,085 feet.....1 nautical mile

PAPER MEASURE

24 sheets...1 quire 20 quires...1 ream
(480 sheets)
2 reams....1 bundle 5 bundles...1 bale

SQUARE MEASURE

144 square inches.....1 square foot
9 square feet.....1 square yard
30 1/4 square yards.....1 square rod
40 square rods.....1 rood
4 roods.....1 acre
640 acres.....1 square mile

SURVEYORS' MEASURE

7.92 inches.....1 link
25 links.....1 rod
4 rods.....1 chain
10 sq. chains or 160 sq. rods.....1 acre
640 acres.....1 sq. mile
36 sq. miles (6 miles sq.).....1 township

TIME MEASURE

60 seconds=1 minute. 60 minutes=1 hour
24 hours=1 day.....7 days=1 week
28, 29, 30 or 31 days...1 calendar month
30 days=1 month...in computing interest
365 day=1 year...366 days=1 leap year

MISCELLANEOUS

3 inches=1 palm.....4 inches=1 hand
6 inches=1 span.....18 inches=1 cubit
21.8 inches.....1 Bible cubit
2 1/2 feet.....1 military pace

METRIC EQUIVALENTS—

Linear Measure

1 centimeter.....0.3937 inch
1 inch.....2.54 centimeters
1 decimeter....3.937 inches...0.328 foot
1 foot.....3.048 decimeters
1 meter....39.37 inches...1.0936 yards
1 yard.....0.9144 meter
1 dekameter.....1.9884 rods
1 rod.....0.5029 dekameter
1 kilometer.....0.62137 mile
1 mile.....1.6093 kilometers

Square Measure

1 square centimeter....0.1550 square inch
1 square inch.....6.452 centimeters
1 square decimeter....0.1076 square foot
1 square foot....9.2903 square decimeters
1 square meter.....1.196 square yards
1 square yard.....0.8361 square meter
1 arc.....3.954 square rods
1 square rod.....0.2529 arc
1 hectare.....2.47 acres
1 acre.....0.4047 hectare
1 square kilometer....0.386 square mile
1 square mile....2.59 square kilometers

Measure of Volume

1 cubic centimeter....0.061 cubic inch
1 cubic inch.....16.39 cubic centimeters
1 cubic decimeter....0.0353 cubic foot
1 cubic foot....28.317 cubic decimeters
1 cubic meter.....1.308 cubic yards
1 cubic yard.....0.7646 cubic meter
1 stere.....0.2759 cord
1 cord.....3.624 steres
1 liter=0.908 qt. dry...1.0567 qts. liquid
1 quart dry.....1.101 liters
1 quart liquid.....0.9463 liter
1 dekaliter=2.6417 gallons....135 pecks
1 gallon.....0.3785 dekaliter
1 peck.....0.881 dekaliter
1 hectoliter.....2.8375 bushels
1 bushel.....0.3524 hectoliter

Weights

1 gram.....0.03527 ounce
1 ounce.....28.35 grams
1 kilogram.....2.2046 pounds
1 pound.....0.4536 kilogram
1 metric ton.....1.1023 English tons
1 English ton.....0.9072 metric ton

APPROXIMATE METRIC EQUIVALENTS

1 decimeter.....4 inches
1 liter....1.06 quarts liquid, 0.9 quart dry
1 meter.....1.1 yards
1 kilometer.....5/8 of a mile
1 hectoliter.....2 1/2 bushels
1 kilogram.....2-1/5 pounds
1 stere, or cubic meter.....1/4 of a cord
1 metric ton.....2,200 pounds

TEMPERATURES

Fahrenheit

MilkFreezes 30° above Zero
WaterFreezes 32° above Zero
Olive OilFreezes 36° above Zero
WinesFreezes 20° above Zero
VinegarFreezes 28° above Zero
AlcoholBoils at 173° above Zero
Blood Heat98.4° above Zero
Eggs Hatch104° above Zero
WaterBoils at 212° above Zero
Petroleum (aver.) Boils at 306° above Zero

Capitals of The States

State and Capital	Ent'd Union
Alabama—Montgomery	Dec. 14, 1819
Arizona—Phoenix	Feb. 14, 1912
Arkansas—Little Rock	June 15, 1836
California—Sacramento	Sept. 9, 1850
Colorado—Denver	Aug. 1, 1876
Connecticut—Hartford	Jan. 9, 1788
Delaware—Dover	Dec. 7, 1787
D. C.—Washington	July 16, 1790
Florida—Tallahassee	Mar. 3, 1845
Georgia—Atlanta	Jan. 2, 1788
Idaho—Boise	July 3, 1890
Illinois—Springfield	Dec. 3, 1818
Indiana—Indianapolis	Dec. 11, 1816
Iowa—Des Moines	Dec. 28, 1846
Kansas—Topeka	Jan. 29, 1861
Kentucky—Frankfort	June 1, 1792
Louisiana—Baton Rouge	Apr. 30, 1812
Maine—Augusta	Mar. 15, 1820
Maryland—Annapolis	Apr. 28, 1788
Massachusetts—Boston	Feb. 6, 1788
Michigan—Lansing	Jan. 26, 1837
Minnesota—St. Paul	May 11, 1858
Mississippi—Jackson	Dec. 10, 1817
Missouri—Jefferson City	Aug. 10, 1821

State and Capital	Ent'd Union
Montana—Helena	Nov. 8, 1889
Nebraska—Lincoln	Mar. 1, 1867
Nevada—Carson City	Oct. 31, 1864
New Hampshire—Concord	..June 21, 1788
New Jersey—Trenton	Dec. 18, 1787
New Mexico—Sante Fe	Jan. 6, 1912
New York—Albany	July, 26, 1788
North Carolina—Raleigh	Nov. 21, 1789
North Dakota—Bismarck	Nov. 2, 1889
Ohio—Columbus	Feb. 19, 1803
Oklahoma—Oklahoma City	..Nov. 16, 1907
Oregon—Salem	Feb. 14, 1859
Pennsylvania—Harrisburg	..Dec. 12, 1787
Rhode Island—Providence	..May 29, 1790
South Carolina—Columbia	..May 23, 1788
South Dakota—Pierre	Nov. 2, 1889
Tennessee—Nashville	June 1, 1796
Texas—Austin	Dec. 29, 1845
Utah—Salt Lake City	Jan. 4, 1896
Vermont—Montpelier	Mar. 4, 1791
Virginia—Richmond	June 26, 1788
Washington—Olympia	Nov. 11, 1889
West Virginia—Charleston	..June 20, 1863
Wisconsin—Madison	May 29, 1848
Wyoming—Cheyenne	July 11, 1890

Points of Constitutional Laws

Congress must meet at least once a year.

Congress may admit as many new States as desired.

One State cannot undo the act of another.

By the constitution every citizen is guaranteed a speedy trial by jury.

A power which is vested in Congress alone cannot be exercised by a State.

One State must respect the legal decisions and laws of another.

Congress cannot pass a law to punish for a crime already committed.

A person who commits a felony in one State cannot find refuge in another.

Bills for revenue can originate only in the House of Representatives, but the Senate may propose or concur with amendments.

Treaties with foreign powers are made by the President and ratified by the Senate.

The territories each have a delegate to Congress who is allowed the privilege of debate, but not the right to vote.

The Vice-President, who ex-officio presides over the Senate, has no vote in that body except in case of a tie ballot.

If the President holds a bill longer than ten days while Congress is in session it becomes a law without his signature.

An act of Congress cannot become a law over the President's veto except on a two-thirds vote of both Houses.

The House of Representatives may impeach the President for any crime, but the Senate has the sole power to try all impeachments.

An officer of the United States Government is not permitted to accept any title of nobility, order of honor except with the permission of Congress.

Amendments to the Constitution of the United States require a two-thirds vote of each House of Congress, and must be ratified by at least three-fourths of the States.

The President of the United States must be at least 35 years of age; a Senator, 30; a Congressman, 25. The President must have been a resident within the United States fourteen years.

A naturalized citizen is not eligible to the office of President of the United States. A male child born in a foreign land to American parents has an equal chance to become the President with one born on American soil.

The United States shall guarantee to every State a republican form of government, and shall protect each of them against invasion, and on application of the Legislature or of the Executive (when the Legislature cannot be convened) against domestic trouble.

Rules for Computing Interest

The following will be found to be excellent rules for finding the interest on any principal for any number of days. When the principal contains cents point off four places from the right of the result to express the interest in dollars and cents. When the principal contains dollars only, point off two places.

Two Per Cent—Multiply the principal by the number of days to run, and divide by 180.

Two and One-Half Per Cent—Multiply by number of days and divide by 144.

Three Per Cent—Multiply by number of days, and divide by 120.

Three and One-Half Per Cent—Multiply by number of days and divide by 103.

Four Per Cent—Multiply by number of days and divide by 90.

Five Per Cent—Multiply by number of days, and divide by 72.

Six Per Cent—Multiply by number of days, and divide by 60.

Seven Per Cent—Multiply by number of days, and divide by 52.

Eight Per Cent—Multiply by number of days, and divide by 45.

Nine Per Cent—Multiply by number of days, and divide by 40.

Ten Per Cent—Multiply by number of days, and divide by 36.

Twelve Per Cent—Multiply by number of days, and divide by 30.

Fifteen Per Cent—Multiply by number of days and divide by 24.

Interest Tables

TWO PER CENT

Time	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1,000
4 Day	0	0	0	0	0	0	0	0	0	0	2	22
8 "	0	0	0	0	0	0	0	0	0	0	4	44
12 "	0	0	0	0	0	0	0	1	1	1	7	67
16 "	0	0	0	0	0	1	1	1	1	1	9	89
20 "	0	0	0	1	1	1	1	1	1	1	11	1.11
24 "	0	0	0	1	1	1	1	1	1	1	13	1.33
28 "	0	0	0	1	1	1	1	1	1	2	16	1.56
1 Mo.	0	0	1	1	1	1	1	1	2	2	17	1.67
2 "	0	1	1	1	1	2	2	3	3	3	33	3.33
3 "	1	1	2	2	3	3	4	4	5	5	50	5.00
4 "	1	1	2	3	3	4	5	5	6	7	67	6.67
5 "	1	2	3	3	4	5	6	7	8	8	83	8.33
6 "	1	2	3	4	5	6	7	8	9	10	1.00	10.00
1 Yr.	2	4	6	8	10	12	14	16	18	20	2.00	20.00

THREE PER CENT

Time	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1,000
4 Day	0	0	0	0	0	0	0	1	1	1	4	34
8 "	0	0	0	1	1	1	1	1	1	1	7	67
12 "	0	0	1	1	1	1	1	1	1	1	10	1.00
16 "	0	1	1	1	1	1	1	1	1	2	14	1.34
20 "	1	1	1	1	1	1	1	2	2	2	17	1.67
24 "	1	1	1	1	1	1	2	2	2	2	20	2.00
28 "	1	1	1	1	1	2	2	2	2	3	24	2.34
1 Mo.	1	1	1	1	2	2	2	2	3	3	25	2.50
2 "	1	2	2	3	3	4	4	4	5	5	50	5.00
3 "	1	2	3	3	4	5	6	6	7	8	75	7.50
4 "	1	2	3	4	5	6	7	8	9	10	1.00	10.00
5 "	2	3	4	5	6	7	8	9	10	12	1.25	12.50
6 "	2	3	5	6	8	9	11	12	14	15	1.50	15.00
1 Yr.	3	6	9	12	15	18	21	24	27	30	3.00	30.00

TWO AND ONE-HALF PER CENT

Time	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1,000
4 Day	0	0	0	0	0	0	0	0	0	0	3	28
8 "	0	0	0	0	0	0	1	1	1	1	6	56
12 "	0	0	0	0	1	1	1	1	1	1	9	84
16 "	0	0	0	1	1	1	1	1	1	1	11	1.11
20 "	0	0	1	1	1	1	1	1	2	2	14	1.14
24 "	0	0	1	1	1	1	2	2	2	2	17	1.67
28 "	0	1	1	1	1	2	2	2	2	2	20	1.70
1 Mo.	0	1	1	1	1	2	2	2	2	2	21	2.09
2 "	1	1	2	2	2	3	3	3	4	5	42	4.17
3 "	1	2	2	3	3	4	5	5	6	7	63	6.25
4 "	1	2	3	3	5	5	6	7	8	9	84	8.34
5 "	1	2	4	5	6	7	8	9	10	11	1.05	10.44
6 "	2	3	4	5	7	8	9	10	12	13	1.25	12.50
1 Yr.	3	5	8	10	13	15	18	20	23	25	2.50	25.00

SIX PER CENT

Time	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1,000
4 Day	0	0	0	0	0	0	0	1	1	1	7	67
8 "	0	0	0	1	1	1	1	1	1	1	13	1.33
12 "	0	0	1	1	1	1	1	2	2	2	20	2.00
16 "	0	1	1	1	1	2	2	2	2	3	27	2.67
20 "	1	1	1	2	2	2	2	3	3	3	33	3.33
24 "	1	1	1	2	2	2	3	3	4	4	40	4.00
28 "	1	1	1	2	2	3	3	4	4	5	47	4.67
1 Mo.	1	1	2	2	3	3	4	4	5	5	50	5.00
2 "	1	2	3	4	5	6	7	8	9	10	1.00	10.00
3 "	2	3	5	6	8	9	11	12	14	15	1.50	15.00
4 "	2	4	6	8	10	12	14	16	18	20	2.00	20.00
5 "	3	5	8	10	13	15	18	20	23	25	2.50	25.00
6 "	3	6	9	12	15	18	21	24	27	30	3.00	30.00
1 Yr.	6	12	18	24	30	36	42	48	54	60	6.00	60.00

CENSUS 1940

Cities in U. S. A. of 15,000 and over

Aberdeen, S. D. 17,015	Beverly, Mass. 25,537	Columbia, S. C. 62,396
Aberdeen, Wash. 18,846	Biddeford, Me. 19,790	Columbus, Ga. 53,280
Abilene, Tex. 26,612	Billings, Mont. 23,261	Columbus, Ohio 306,087
Abington, Pa. 20,857	Biloxi, Miss. 17,475	Compton, Cal. 16,198
Ada, Okla. 15,143	Binghamton, N. Y. 78,309	Concord, N. C. 15,572
Akron, Ohio 244,791	Birmingham, Ala. 267,583	Concord, N. H. 27,171
Alameda, Cal. 36,256	Bismarck, N. D. 15,496	Corning, N. Y. 16,212
Albany, Ga. 19,055	Bloomfield, N. J. 41,623	Cor. Christi, Tex. 57,301
Albany, N. Y. 130,577	Bloomington, Ill. 32,868	Corsicana, Tex. 15,232
Albuquerque, N. M. 35,449	Bloomington, Ind. 20,870	Cortland, N. Y. 15,881
Alexandria, La. 27,066	Bluefield, W. Va. 20,641	Coun. Bluffs, Ia. 41,439
Alexandria, Va. 33,523	Blue Island, Ill. 16,638	Covington, Ky. 62,018
Alhambra, Cal. 38,935	Boise City, Idaho 26,130	Cranston, R. I. 47,085
Aliquippa, Pa. 27,023	Boston, Mass. 770,816	Cumberland, Md. 39,483
Allentown, Pa. 96,904	Braddock, Pa. 18,326	Cuyahoga Falls, O. 20,546
Alliance, Ohio 22,405	Bradford, Pa. 17,691	Dallas, Tex. 294,734
Alton, Ill. 31,255	Braintree, Mass. 16,378	Danbury, Conn. 22,339
Altoona, Pa. 80,214	Brem'ton, Wash. 15,134	Danville, Ill. 36,919
Amarillo, Tex. 51,686	Bridgeport, Conn. 147,121	Danville, Va. 32,749
Ambridge, Pa. 18,968	Bridgeton, N. J. 15,992	Davenport, Ia. 66,039
Amsterdam, N. Y. 33,329	Bristol, Conn. 30,167	Dayton, Ohio 210,718
Anderson, Ind. 41,572	Brockton, Mass. 62,343	Daytona Bch, Fla. 22,584
Anderson, S. C. 19,424	Brookline, Mass. 49,786	Dearborn, Mich. 63,584
Ann Arbor, Mich. 29,815	Brownsville, Tex. 22,083	Decatur, Ala. 16,604
Anniston, Ala. 25,523	Brunswick, Ga. 15,035	Decatur, Ga. 18,561
Ansonia, Conn. 19,210	Buffalo, N. Y. 575,901	Decatur, Ill. 59,305
Appleton, Wis. 28,436	Burbank, Cal. 34,337	Dedham, Mass. 15,608
Ardmore, Okla. 16,886	Burlingame, Cal. 15,940	Denison, Tex. 15,581
Arlington, Mass. 40,013	Burlington, Ia. 25,832	Denver, Colo. 322,412
Arlington, Va. 57,040	Burlington, Vt. 27,686	Des Moines, Ia. 159,819
Asheville, N. C. 51,310	Butler, Pa. 24,477	Detroit, Mich. 1,623,452
Ashland, Ky. 29,537	Butte, Mont. 37,081	Dothan, Ala. 17,194
Ashtabula, Ohio 21,405	Cambridge, Mass. 110,879	Dubuque, Ia. 43,892
Athens, Ga. 20,650	Cambridge, Ohio 15,044	Duluth, Minn. 101,065
Atlanta, Ga. 302,288	Camden, N. J. 117,536	Dunkirk, N. Y. 17,713
Atlantic City, N. J. 64,094	Canton, Ohio 108,401	Dunmore, Pa. 23,086
Attleboro, Mass. 22,071	Cape Gir'd'u, Mo. 19,426	Duquesne, Pa. 20,693
Auburn, Me. 19,817	Carbondale, Pa. 19,371	Durham, N. C. 60,195
Auburn, N. Y. 35,753	Casper, Wyo. 17,964	East Chicago, Ind. 54,637
Augusta, Ga. 65,919	Cedar Rapids, Ia. 62,120	E. Cleveland, O. 39,495
Augusta, Me. 19,360	Central Falls, R. I. 25,248	E. Hartford, Conn. 18,615
Aurora, Ill. 47,170	Centralia, Ill. 16,343	E. Liverpool, O. 23,555
Austin, Minn. 18,307	Champaign, Ill. 23,302	Easton, Pa. 33,589
Austin, Tex. 87,930	Charleston, S. C. 71,275	East Orange, N. J. 68,945
Bakersfield, Cal. 29,252	Ch'leston, W. Va. 67,914	E. Provid., R. I. 32,165
Baltimore, Md. 859,100	Charlotte, N. C. 100,899	E. St. Louis, Ill. 75,609
Bangor, Me. 29,822	Charl'tes'le, Va. 19,400	Eau Claire, Wis. 30,745
Barberton, Ohio 24,028	Chat'ooga, Tenn. 128,163	El Dorado, Ark. 15,858
Bartlesville, Okla. 16,267	Chelsea, Mass. 41,259	Elgin, Ill. 38,333
Batavia, N. Y. 17,267	Cheltenham, Pa. 19,082	Elizabeth, N. J. 109,912
Baton Rouge, La. 34,719	Chester, Pa. 59,285	Elkhart, Ind. 33,434
Battle C'k, Mich. 43,453	Cheyenne, Wyo. 22,474	Elmhurst, Ill. 15,458
Bay City, Mich. 47,956	Chicago, Ill. 3,396,808	Elmira, N. Y. 45,106
Bayonne, N. J. 79,198	Chicago Hts., Ill. 22,461	El Paso, Tex. 96,810
Beaumont, Tex. 59,061	Chicopee, Mass. 41,664	Elyria, Ohio 25,120
Beaver Falls, Pa. 17,098	Chilllicothe, Ohio 20,129	Endicott, N. Y. 17,702
Belleville, Ill. 28,405	Cicero, Ill. 64,712	Englewood, N. J. 18,966
Belleville, N. J. 28,167	Cincinnati, Ohio 455,610	Enid, Okla. 28,081
Bell'gham, Wash. 29,314	Clairton, Pa. 16,381	Erie, Pa. 116,955
Belmont, Mass. 26,867	Clarks'b'g, W. Va. 30,579	Euclid, Ohio 17,866
Beloit, Wis. 25,365	Cleveland, Ohio 878,336	Eugene, Ore. 20,838
Belvedere, Cal. 37,192	Cleveland Hts., O. 54,992	Eureka, Cal. 17,055
Ben. H'bor, Mich. 16,668	Cliffside Pk., N. J. 16,892	Evanston, Ill. 65,389
Berkeley, Cal. 85,547	Clifton, N. J. 48,827	Evansville, Ind. 97,062
Berlin, N. H. 19,084	Clinton, Ia. 26,270	Everett, Mass. 46,784
Berwyn, Ill. 43,451	CoFFEYville, Kan. 17,355	Everett, Wash. 30,224
Bessemer, Ala. 22,826	Cohoes, N. Y. 21,955	Fairmont, W. Va. 23,105
Bethlehem, Pa. 58,490	Colo. Spgs., Colo. 36,789	Fall River, Mass. 115,428
Beverly Hills, Cal. 26,823	Columbia, Mo. 18,399	

Census 1940 - Continued

Fargo, N. D.... 32,580
 Fayetteville, N. C. 17,428
 Ferndale, Mich. 22,523
 Findlay, Ohio.... 20,228
 Fitchburg, Mass.. 41,824
 Flint, Mich.....151,543
 Florence, Ala..... 15,043
 Florence, S. C... 16,054
 Fd. du Lac, Wls.. 27,209
 Ft. Dodge, Ia... 22,904
 Ft. Laud'le, Fla. 17,996
 Fort Smith, Ark. 36,584
 Ft. Wayne, Ind..118,410
 Ft. Worth, Tex..177,662
 Fram'ham, Mass. 23,214
 Frederick, Md. . 15,802
 Freeport, Ill..... 22,366
 Freeport, N. Y... 20,410
 Fresno, Cal..... 60,685

Gadsden, Ala..... 36,975
 Galesburg, Ill.... 28,876
 Galveston, Tex... 60,862
 Gardner, Mass... 20,206
 Garfield, N. J... 28,044
 Garfield Hts., O.. 16,989
 Gary, Ind.....111,719
 Gastonia, N. C. . 21,313
 Geneva, N. Y... 15,555
 Glendale, Cal.... 82,582
 Glens Falls, N.Y. 18,836
 Gloucester, Mass. 24,046
 Gloversville, N. Y. 23,329
 Goldsboro, N. C. 17,274
 Gd. Forks, N. D. 20,228
 Gd. Island, Neb.. 19,130
 G. R'pids, Mich..164,292
 Granite City, Ill. 22,974
 Great Falls, Mont. 29,928
 Greeley, Colo.... 15,995
 Green Bay, Wis. 46,235
 Greenfield, Mass. 15,672
 Greensboro, N. C. 59,319
 Greensburg, Pa. . 16,743
 Greenville, Miss.. 20,892
 Greenville, S. C. 34,734
 Gulfport, Miss... 15,195

Hackensack, N. J. 26,279
 Hagerstown, Md.. 32,491
 Hamilton, Ohio... 50,592
 Hammond, Ind. . 70,184
 Hamtra'ck, Mich. 49,839
 Hannibal, Mo.... 20,865
 Hanover, Pa. . 16,439
 Harrisburg, Pa... 83,893
 Hartford, Conn..166,267
 Harvey, Ill..... 17,878
 Hastings, Neb.... 15,145
 Hattiesburg, Miss. 21,026
 Haverford, Pa.... 27,594
 Haverhill, Mass.. 46,752
 Hazleton, Pa. . 38,009
 Helena, Mont.... 15,056
 Hempstead, N. Y. 20,856
 Hibbing, Minn... 16,385
 Highl'd Pk. Mich. 50,810
 High Point, N.C. 38,495
 Hillside, N. J... 18,556
 Hoboken, N. J... 50,115
 Holyoke, Mass... 53,750
 Homestead, Pa. . 19,041
 Hornell, N. Y... 15,649
 Hot Springs, Ark. 21,370

Houston, Tex. .384,514
 Hunt'ton, W. Va. 78,836
 Hunting. Pk., Cal. 28,648
 Hutchinson, Kan.. 30,013

Idaho Falls, Idaho 15,024
 Indep'ndence, Mo. 16,066
 Indian'olis, Ind..386,972
 Inglewood, Cal... 30,114
 Iowa City, Ia... 17,182
 Irondequoit, N.Y. 23,376
 Ironton, Ohio.... 15,851
 Irvington, N. J. . 55,328
 Ithaca, N. Y.... 19,730

Jackson, Mich. . 49,656
 Jackson, Miss.... 62,107
 Jackson, Tenn. . 24,332
 Jacksonville, Fla..173,065
 Jacksonville, Ill.. 19,844
 Jamestown, N. Y. 42,638
 Janesville, Wis. . 22,992
 Jeannette, Pa. . 16,220
 Jeff'rson City, Mo. 24,268
 Jer. City, N. J.. 301,173
 John. City, N. Y. 18,039
 Johnson City, Tenn. 25,332
 Johnstown, Pa. . 66,668
 Joliet, Ill..... 42,365
 Joplin, Mo..... 37,144

Kalamazoo, Mich. 54,097
 Kankakee, Ill.... 22,241
 Kan. City, Kan..121,458
 Kan. City, Mo...399,178
 Kearny, N. J.... 39,467
 Kenmore, N. Y... 18,612
 Kenosha, Wis. . 48,765
 Keokuk, Ia..... 15,076
 Kewanee, Ill.... 16,901
 Kingston, N. Y... 28,589
 Kingston, Pa. . 20,679
 Kinston, N. C. . 15,388
 Kl'ath Falls, Ore. 16,497
 Knoxville, Tenn..111,580
 Kokomo, Ind.... 33,795

Lackawanna, N.Y. 24,058
 La Crosse, Wis.. 42,707
 Lafayette, Ind... 28,798
 Lafayette, La... 19,210
 La Grange, Ga... 21,983
 Lake Charles, La. 21,207
 Lakeland, Fla.... 22,068
 Lakewood, Ohio . 69,160
 Lancaster, Ohio.. 21,940
 Lancaster, Pa. . 61,345
 Lansing, Mich... 78,753
 La Porte, Ind... 16,180
 Laredo, Tex. . 39,274
 Laurel, Miss.....20,598
 Lawrence, Mass.. 84,323
 Lawton, Okla. . 18,055
 Leavenworth, Kan. 19,220
 Lebanon, Pa. . 27,206
 Leominster, Mass. 22,226
 Lewiston, Me... 38,598
 Lexington, Ky... 49,304
 Lima, Ohio..... 44,711
 Lincoln, Neb.... 81,984
 Lincoln Pk., Mich. 15,236
 Linden, N. J.... 24,115
 Little Rock, Ark. 88,039
 Lockport, N. Y.. 24,379

Logansport, Ind.. 20,177
 Long Beach, Cal..164,271
 Long Branch, N.J. 17,408
 Lorain, Ohio..... 44,125
 Los Ang'les, Cal.1,504,277
 Louisville, Ky....319,077
 Lowell, Mass....101,389
 Lower Merion, Pa. 39,566
 Lubbock, Tex. . 31,853
 Lynchburg, Va... 44,541
 Lyndhurst, N. J. 17,454
 Lynn, Mass..... 98,123

Macon, Ga..... 57,865
 Madison, Wis. . 67,447
 Malden, Mass.... 58,010
 Manchester, N. H. 77,685
 Manitowoc, Wis.. 24,404
 Mankato, Minn... 15,654
 Mansfield, Ohio... 37,154
 Maplewood, N. J. 23,139
 Marion, Ind..... 26,767
 Marion, Ohio.... 30,817
 Marshall, Tex... 18,410
 Marshalltown, Ia. 19,240
 Mart'sb'g, W. Va. 15,063
 Mason City, Ia... 27,080
 Massillon, Ohio... 26,644
 Mattoon, Ill..... 15,827
 Maywood, Ill.... 26,648
 McKeesport, Pa.. 55,355
 McKees Rocks, Pa. 17,021
 Meadville, Pa. . 18,919
 Medford, Mass... 63,083
 Melrose, Mass.... 25,333
 Memphis, Tenn...292,942
 Meriden, Conn.... 39,494
 Meridian, Miss... 35,481
 Methuen, Mass... 21,880
 Miami, Fla.....172,172
 Miami Bch., Fla. 28,012
 Mich. City, Ind.. 26,476
 Middletown, Conn. 26,495
 Middletown, N. Y. 21,908
 Middletown, Ohio 31,220
 Milford, Mass.... 15,388
 Milton, Mass.... 18,708
 Milwaukee, Wis. 587,472
 Min'polis, Minn. 492,370
 Minot, N. D. 16,577
 Mishawaka, Ind... 28,298
 Missoula, Mont.. 18,449
 Mobile, Ala..... 78,720
 Modesto, Cal..... 16,379
 Moline, Ill..... 34,608
 Monessen, Pa. . 20,257
 Monroe, La..... 28,309
 Monroe, Mich.... 18,478
 Montclair, N. J. 39,807
 Montgomery, Ala. 78,084
 Morg't'n, W. Va. 16,655
 Morristown, N. J. 15,270
 Mt. Carmel, Pa. 17,780
 Marlb'ugh, Mass. 15,154
 Marquette, Mich. 15,928
 Mt. Lebanon, Pa. 19,571
 Mt. Vernon, N.Y. 67,362
 Muncie, Ind..... 49,720
 Muscatine, Ia... 18,286
 Muskegon, Mich.. 47,697
 M'k'n Hts., Mich. 16,047
 Muskogee, Okla.. 32,332
 Nanticoke, Pa. . 24,387

Census 1940 - Continued

Nashua, N. H. . . . 32,927
 Nashville, Tenn. . . 167,402
 Natchez, Miss. . . . 15,296
 Naugatuck, Conn. . . 15,388
 New Albany, Ind. . . 25,414
 Newark, N. J. . . . 429,760
 Newark, Ohio. . . . 31,487
 N. Bedf'd, Mass. . . 110,341
 N. Britain, Conn. . . 68,685
 N. Brunsw'k, N.J. . . 33,180
 Newburgh, N. Y. . . 31,883
 New Castle, Ind. . . 16,620
 New Castle, Pa. . . 47,638
 N. Haven, Conn. . . 160,605
 N. Kens'ton, Pa. . . 24,055
 N. London, Conn. . . 30,456
 New Orleans, La. . . 494,537
 Newport, Ky. . . . 30,631
 Newport, R. I. . . . 30,532
 Newport News, Va. . . 37,067
 N. Rochelle, N.Y. . . 58,408
 Newton, Mass. . . . 69,873
 New York, N. Y. . . 7,454,995
 Niag. Falls, N.Y. . . 78,029
 Niles, Ohio. . . . 16,273
 Norfolk, Va. . . . 144,332
 Norristown, Pa. . . . 38,181
 No. Adams, Mass. . . 22,213
 North'pton, Mass. . . 24,794
 No. Bergen, N. J. . . 39,714
 No. Braddock, Pa. . . 15,679
 No. Lit. Rock, Ark. . . 21,137
 No. To'w'da, N.Y. . . 20,254
 Norwalk, Conn. . . . 39,849
 Norwich, Conn. . . . 23,652
 Norwood, Mass. . . . 15,383
 Norwood, Ohio. . . . 34,010
 Nutley, N. J. . . . 21,954

Oakland, Cal. . . . 302,163
 Oak Park, Ill. . . . 66,015
 Ogden, Utah 43,688
 Ogdensburg, N. Y. . . 16,346
 Oil City, Pa. . . . 20,379
 Okla. City, Okla. . . 204,424
 Okmulgee, Okla. . . . 16,051
 Olean, N. Y. . . . 21,506
 Omaha, Neb. . . . 223,844
 Orange, N. J. . . . 35,717
 Orlando, Fla. . . . 36,736
 Oshkosh, Wis. . . . 39,089
 Ossining, N. Y. . . . 15,996
 Oswego, N. Y. . . . 22,062
 Ottawa, Ill. . . . 16,005
 Ottumwa, Ia. . . . 31,570
 Owensboro, Ky. . . . 30,245

Paducah, Ky. . . . 33,765
 Palo Alto, Cal. . . . 16,774
 Paris, Tex. . . . 16,678
 Park'sb'g, W. Va. . . 30,103
 Parma, Ohio. . . . 16,365
 Pasadena, Cal. . . . 81,864
 Passaic, N. J. . . . 61,394
 Paterson, N. J. . . . 139,656
 Pawtucket, R. I. . . 75,797
 Peabody, Mass. . . . 21,711
 Peekskill, N. Y. . . . 17,311
 Pekin, Ill. . . . 19,407
 Pennsauken, N. J. . . 17,745
 Pensacola, Fla. . . . 37,449
 Peoria, Ill. . . . 105,087
 Perth Amboy, N.J. . . 41,242
 Petersburg, Va. . . . 30,631

Phenix City, Ala. . . 15,351
 Phila., Pa. . . . 1,931,334
 Phillipsburg, N. J. . 18,314
 Phoenix, Ariz. . . . 65,414
 Pine Bluff, Ark. . . 21,290
 Piqua, Ohio. . . . 16,049
 Pittsburg, Kan. . . . 17,571
 Pittsburgh, Pa. . . . 671,659
 Pittsfield, Mass. . . 49,684
 Pittston, Pa. . . . 17,828
 Plainfield, N. J. . . 37,469
 Plains, Pa. . . . 15,621
 Plattsburgh, N. Y. . 16,351
 Plymouth, Pa. . . . 15,507
 Pocatello, Idaho. . . 18,133
 Pomona, Cal. . . . 23,539
 Ponca City, Okla. . . 16,794
 Pontiac, Mich. . . . 66,626
 Pt. Arthur, Tex. . . 46,140
 Pt. Chester, N. Y. . . 23,073
 Pt. Huron, Mich. . . 32,759
 Portland, Me. . . . 73,643
 Portland, Ore. . . . 305,394
 Portsmouth, Ohio. . . 40,466
 Portsmouth, Va. . . . 50,745
 Pottstown, Pa. . . . 20,194
 Pottsville, Pa. . . . 24,530
 P'ghkeepsie, N.Y. . . 40,478
 Providence, R. I. . . 253,504
 Provo, Utah 18,071
 Pueblo, Colo. . . . 52,162

Quincy, Ill. . . . 40,469
 Quincy, Mass. . . . 75,810

Racine, Wis. . . . 67,195
 Rahway, N. J. . . . 17,498
 Raleigh, N. C. . . . 46,897
 Reading, Pa. . . . 110,568
 Reno, Nev. . . . 21,317
 Revere, Mass. . . . 34,405
 Richmond, Cal. . . . 23,642
 Richmond, Ind. . . . 35,147
 Richmond, Va. . . . 193,042
 Riv. R'uge, Mich. . . 17,008
 Riverside, Cal. . . . 34,696
 Roanoke, Va. . . . 69,287
 Rochester, Minn. . . 26,312
 Rochester, N. Y. . . 324,975
 Rockford, Ill. . . . 84,637
 Rock Hill, S. C. . . 15,009
 Rock Island, Ill. . . 42,775
 Rock Centre, N.Y. . . 18,613
 Rocky Mt., N. C. . . 25,568
 Rome, Ga. . . . 26,232
 Rome, N. Y. . . . 34,214
 Royal Oak, Mich. . . 25,087
 Rutherford, N. J. . . 15,466
 Rutland, Vt. . . . 17,082

Sacramento, Cal. . . 105,958
 Saginaw, Mich. . . . 82,794
 St. Cloud, Minn. . . 24,173
 St. Joseph, Mo. . . . 75,711
 St. Louis, Mo. . . . 816,048
 St. Paul, Minn. . . . 287,736
 St. Petersb'g, Fla. . . 60,812
 Salem, Mass. . . . 41,213
 Salem, Ore. . . . 30,908
 Salina, Kan. . . . 21,073
 Salisbury, N. C. . . 19,037
 S. Lake C., Utah. . . 149,934
 San Angelo, Tex. . . 25,802

S. Antonio, Tex. . . 253,854
 San Bern., Cal. . . 43,646
 San Diego, Cal. . . 203,341
 Sandusky, Ohio. . . 24,874
 San Fran., Cal. . . 634,536
 San Jose, Cal. . . . 68,457
 San Mateo, Cal. . . 19,403
 Santa Ana, Cal. . . 31,921
 Santa Bar., Cal. . . 34,958
 Santa Cruz, Cal. . . 16,896
 Santa Fe, N. M. . . 20,325
 Santa Monica, Cal. . 53,500
 S. Ste. Mar., Mich. . 15,847
 Savannah, Ga. . . . 95,996
 Schenectady, N.Y. . 87,549
 Scranton, Pa. . . . 140,404
 Seattle, Wash. . . . 368,302
 Sedalia, Mo. . . . 20,428
 Selma, Ala. . . . 19,834
 Shaker Hts., O. . . . 23,393
 Shamokin, Pa. . . . 18,810
 Sharon, Pa. . . . 25,622
 Shawnee, Okla. . . . 22,053
 Sheboygan, Wis. . . 40,638
 Shenandoah, Pa. . . 19,790
 Sherman, Tex. . . . 17,156
 Shorewood, Wis. . . 15,184
 Shreveport, La. . . 98,167
 Sioux City, Ia. . . . 82,364
 Sioux Falls, S. D. . . 40,832
 Somerv'le, Mass. . . 102,177
 So. Bend, Ind. . . . 101,268
 Southb'dge, Mass. . . 16,825
 South Gate, Cal. . . 26,945
 So. Portland, Me. . . 15,781
 Spart'burg, S. C. . . 32,249
 Spokane, Wash. . . 122,001
 Springfield, Ill. . . . 75,503
 Spr'gfield, Mass. . . 149,554
 Springfield, Mo. . . 61,238
 Springfield, Ohio. . . 70,662
 Stamford, Conn. . . 47,938
 Staunton, Va. . . . 15,337
 Steubenville, Ohio . . 37,651
 Stevens Pt., Wis. . . 15,777
 Stockton, Cal. . . . 54,714
 Stratford, Conn. . . 22,580
 Summit, N. J. . . . 16,165
 Sumter, S. C. . . . 15,874
 Sunbury, Pa. . . . 15,462
 Superior, Wis. . . . 35,136
 Swissvale, Pa. . . . 15,919
 Syracuse, N. Y. . . 205,967

Tacoma, Wash. . . 109,408
 Tallahassee, Fla. . . 16,240
 Tampa, Fla. . . . 108,391
 Taunton, Mass. . . . 37,395
 Teaneck, N. J. . . . 25,275
 Temple, Tex. . . . 15,344
 Terre Haute, Ind. . . 62,693
 Texarkana, Tex. . . 17,019
 Tiffin, Ohio. . . . 16,102
 Toledo, Ohio. . . . 282,349
 Topeka, Kan. . . . 67,833
 Torrington, Conn. . . 26,988
 Trenton, N. J. . . . 124,697
 Troy, N. Y. . . . 70,304
 Tucson, Ariz. . . . 36,818
 Tulsa, Okla. . . . 142,157
 Tuscaloosa, Ala. . . 27,493
 Tyler, Tex. . . . 28,279

Union, N. J. . . . 24,730

Census 1940 - Continued

Union City, N. J. 56,173
 Uniontown, Pa. 21,819
 Univ'ity City, Mo. 33,023
 Upper Darby, Pa. 56,883
 Utica, N. Y. 100,518

Valdosta, Ga. 15,595
 Vallejo, Cal. 20,072
 Val. Stream, N.Y. 16,679
 Vanco'ver, Wash. 18,788
 Vicksburg, Miss. 24,460
 Vincennes, Ind. 18,228

Waco, Tex. 55,982
 Wakefield, Mass. 16,223
 W. Walla, Wash. 18,109
 Waltham, Mass. 40,020
 Warren, Ohio. 42,837
 Warwick, R. I. 28,757
 Washington, D. C. 663,091
 Washington, Pa. 26,166
 Waterbury, Conn. 99,314
 Waterloo, Ia. 51,743
 Watertown, Mass. 35,427
 Watertown, N. Y. 33,385
 Waterville, Me. 16,688
 Watervillet, N. Y. 16,114
 Waukegan, Ill. 34,241
 Waukesha, Wis. 19,242
 Wausau, Wis. 27,268
 Wauwatosa, Wis. 27,769
 Waycross, Ga. 16,763
 Webster G'ves, Mo. 18,394
 Wellesley, Mass. 15,127
 West Allis, Wis. 36,364
 Westfield, N. J. 18,458
 Westfield, Mass. 18,793
 W. Hartford, Conn. 33,776
 W. Haven, Conn. 30,021
 West N. Y., N. J. 39,439
 W. Orange, N. J. 25,662
 W. Palm B., Fla. 33,693
 W. Sp'gfi'd, Mass. 17,135
 W. Warwick, R. I. 18,188
 Weymouth, Mass. 23,868
 Wheeling, W. Va. 61,099
 W'te Plains, N.Y. 40,327
 Whittier, Cal. 16,115
 Wichita, Kan. 114,966
 Wich. Falls, Tex. 45,112
 Wilkes-Barre, Pa. 86,236
 Wilkinsburg, Pa. 29,853
 Williamsport, Pa. 44,355
 Wilmette, Ill. 17,226
 Wilmington, Del. 112,504
 Wilmington, N. C. 33,407
 Wilson, N. C. 19,234
 Winchester, Mass. 15,081
 Winona, Minn. 22,490
 Win.-Salem, N.C. 79,815
 Winthrop, Mass. 16,768
 Woburn, Mass. 19,751
 Woodbridge, N. J. 27,191
 Woonsocket, R. I. 49,303
 Worcester, Mass. 193,694
 Wyandotte, Mich. 30,618

Yakima, Wash. 27,221
 Yonkers, N. Y. 142,598
 York, Pa. 56,712
 Youngstown, Ohio. 167,720

Zanesville, Ohio. 37,500

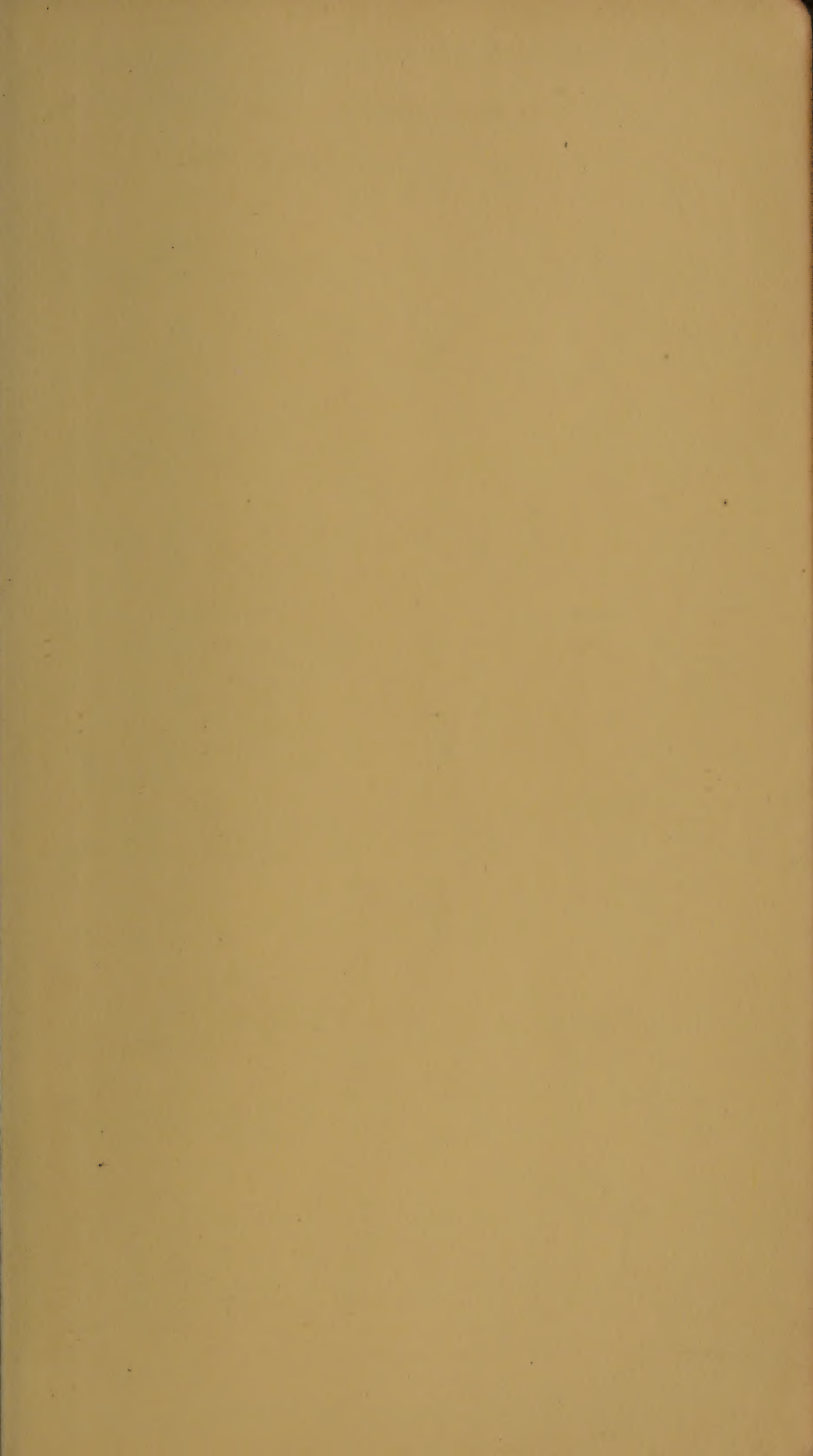
POPULATION BY STATES

	1940	1930	Increase%
Alabama	2,832,961	2,646,248	7.1
Arizona	499,261	435,573	14.6
Arkansas	1,949,387	1,854,482	5.1
California	6,907,387	5,677,251	21.7
Colorado	1,123,296	1,035,791	8.4
Connecticut	1,709,242	1,606,903	6.4
Delaware	266,505	238,380	11.8
Dist. of Columbia	663,091	486,869	36.2
Florida	1,897,414	1,468,211	29.2
Georgia	3,123,723	2,908,506	7.4
Idaho	524,873	445,032	17.9
Illinois	7,897,241	7,630,654	3.5
Indiana	3,427,796	3,238,503	5.8
Iowa	2,538,268	2,470,939	2.7
Kansas	1,801,023	1,880,999	*4.3
Kentucky	2,845,627	2,614,589	8.8
Louisiana	2,363,880	2,101,593	12.5
Maine	847,226	797,423	6.2
Maryland	1,821,244	1,631,526	11.6
Massachusetts	4,316,721	4,249,614	1.6
Michigan	5,256,106	4,842,325	8.5
Minnesota	2,792,300	2,563,953	8.9
Mississippi	2,183,796	2,009,821	8.7
Missouri	3,784,664	3,629,367	4.3
Montana	559,456	537,606	4.1
Nebraska	1,315,834	1,377,963	*4.5
Nevada	110,247	91,058	21.1
New Hampshire	491,524	465,293	5.6
New Jersey	4,160,165	4,041,334	2.9
New Mexico	531,818	423,317	25.6
New York	13,479,142	12,588,066	7.1
North Carolina	3,571,623	3,170,276	12.7
North Dakota	641,935	680,845	*5.7
Ohio	6,907,612	6,646,697	3.9
Oklahoma	2,336,434	2,306,040	*2.5
Oregon	1,089,684	953,786	14.2
Pennsylvania	9,900,180	9,631,350	2.8
Rhode Island	713,346	687,497	3.8
South Carolina	1,899,804	1,738,765	9.3
South Dakota	642,961	692,849	*7.2
Tennessee	2,915,841	2,616,556	11.4
Texas	6,414,824	5,824,715	10.1
Utah	550,310	507,847	8.4
Vermont	359,231	359,611	*0.1
Virginia	2,677,773	2,421,851	10.6
Washington	1,736,191	1,563,396	11.1
West Virginia	1,901,974	1,729,205	10.0
Wisconsin	3,137,587	2,939,006	6.8
Wyoming	250,742	225,565	11.2

* Denotes decrease.

	1940	1930
Alaska	72,524	59,278
American Samoa	12,908	10,055
Guam	22,290	18,509
Hawaii	423,330	368,336
Panama Canal Zone	51,827	39,467
Puerto Rico	1,869,255	1,543,913
Virgin Islands	24,889	22,012
Military, Naval, etc., abroad	118,933	89,453
Philippine Islands	16,356,000	13,513,000

Territories and Possessions..	18,951,956	15,664,023
Continental United States..	131,669,275	122,775,046
Total United States.....	150,621,231	138,439,069



Cant Crane = P.O. Box 637
Davis, Calif

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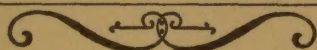
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High mix

Remark

1952—Calendar—1952



JANUARY

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

JULY

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

FEBRUARY

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	

AUGUST

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

MARCH

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

SEPTEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

APRIL

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

OCTOBER

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

MAY

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

NOVEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

JUNE

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

DECEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

